

101	67.3	30001	2	US-08-474-933-1	Sequence 1, Appli	12951, A
	67.3	3272	4	US-09-949-016-16949	Sequence 16549, A	102
c 103	67.3	4755	4	US-09-949-016-15889	Sequence 15889, A	c 102
c 104	67.3	5045	4	US-09-949-016-16642	Sequence 16642, A	c 103
c 105	67.3	5242	4	US-09-949-016-12486	Sequence 12486, A	c 104
c 106	67.3	5679	4	US-09-949-002-31	Sequence 31, Appli	c 105
c 107	67.3	7616	4	US-09-949-016-12288	Sequence 12288, A	c 106
c 108	67.3	7615	4	US-09-949-016-14005	Sequence 14005, A	c 107
c 109	67.3	13517	4	US-09-949-016-15617	Sequence 15617, A	c 108
c 110	67.3	4401765	3	US-09-103-840A-2	Sequence 2, Appli	c 109
c 111	67.3	4411529	3	US-09-103-840A-1	Sequence 1, Appli	c 110
c 112	66.4	381	4	US-09-710-229-2093	Sequence 2093, AP	c 111
c 113	66.4	394	4	US-09-770-767-6802	Sequence 6802, AP	c 112
c 114	66.4	394	4	US-09-270-767-22084	Sequence 22084, A	c 113
c 115	66.4	483	4	US-09-171-461-37	Sequence 37, Appli	c 114
c 116	66.4	483	4	US-09-270-711-37	Sequence 37, Appli	c 115
c 117	66.4	601	4	US-09-949-016-20884	Sequence 20884, A	c 116
c 118	66.4	601	4	US-09-949-016-20885	Sequence 20885, A	c 117
c 119	66.4	601	4	US-09-949-016-42183	Sequence 42183, A	c 118
c 120	66.4	601	4	US-09-949-016-42184	Sequence 4184, A	c 119
c 121	66.4	601	4	US-09-949-016-42185	Sequence 42185, A	c 120
c 122	66.4	601	4	US-09-949-016-56397	Sequence 56397, A	c 121
c 123	66.4	601	4	US-09-949-016-56398	Sequence 56398, A	c 122
c 124	66.4	601	4	US-09-949-016-73216	Sequence 73216, A	c 123
c 125	66.4	601	4	US-09-949-016-73217	Sequence 73217, A	c 124
c 126	66.4	601	4	US-09-949-016-73218	Sequence 73218, A	c 125
c 127	66.4	601	4	US-09-949-016-73219	Sequence 73219, A	c 126
c 128	66.4	601	4	US-09-949-016-78275	Sequence 78275, A	c 127
c 129	66.4	601	4	US-09-949-016-15290	Sequence 15299, A	c 128
c 130	66.4	601	4	US-09-949-016-176543	Sequence 176543, A	c 129
c 131	66.4	601	4	US-09-949-016-176544	Sequence 176544, A	c 130
c 132	66.4	657	4	US-09-949-016-16844	Sequence 16844, AP	c 131
c 133	66.4	659	1	US-08-231-342-26	Sequence 26, Appli	c 132
c 134	66.4	659	1	US-08-331-342-27	Sequence 27, Appli	c 133
c 135	66.4	692	4	US-09-230-767-11788	Sequence 11788, A	c 134
c 136	66.4	723	3	US-09-380-380-5	Sequence 5, Appli	c 135
c 137	66.4	747	4	US-09-252-991A-4417	Sequence 4417, AP	c 136
c 138	66.4	828	4	US-09-248-798A-10133	Sequence 10133, A	c 137
c 139	66.4	852	4	US-09-543-681A-1684	Sequence 3647, AP	c 138
c 140	66.4	903	4	US-09-348-798A-9684	Sequence 9694, AP	c 139
c 141	66.4	1023	4	US-09-248-798A-828	Sequence 828, AP	c 140
c 142	66.4	1074	4	US-09-248-798A-394	Sequence 3944, AP	c 141
c 143	66.4	1098	4	US-09-252-991A-15756	Sequence 15756, A	c 142
c 144	66.4	1242	4	US-09-270-767-10628	Sequence 10628, A	c 143
c 145	66.4	1366	1	US-08-231-342-22	Sequence 22, Appli	c 144
c 146	66.4	1384	4	US-09-477-540-7	Sequence 7, Appli	c 145
c 147	66.4	1627	4	US-09-270-767-10633	Sequence 10633, A	c 146
c 148	66.4	1697	4	US-09-270-767-10640	Sequence 10470, A	c 147
c 149	66.4	2360	4	US-09-949-016-3907	Sequence 3907, AP	c 148
c 150	66.4	2361	3	US-08-205-771-7	Sequence 7, AP	c 149
c 151	66.4	2361	3	US-09-417-540-7	Sequence 1, Appli	c 150
c 152	66.4	2380	3	US-09-167-109-1	Sequence 1, Appli	c 151
c 153	66.4	2380	4	US-09-949-016-777	Sequence 777, AP	c 152
c 154	66.4	2380	4	PCT-US95-1690-2	Sequence 2, Appli	c 153
c 155	66.4	2780	4	US-09-222-991A-841-87	Sequence 87, AP	c 154
c 156	66.4	9668	4	US-09-949-016-4532	Sequence 430, AP	c 155
c 157	66.4	2843	4	US-09-854-133-430	Sequence 2243, AP	c 156
c 158	66.4	2853	3	US-09-956-601-25	Sequence 25, AP	c 157
c 159	66.4	3402	4	US-09-252-991A-15560	Sequence 15560, A	c 158
c 160	66.4	3543	4	US-09-710-279-3493	Sequence 3493, AP	c 159
c 161	66.4	3606	4	US-09-222-991A-15568	Sequence 15688, A	c 160
c 162	66.4	36720	4	US-09-949-016-13476	Sequence 4532, AP	c 161
c 163	66.4	38453	3	US-09-134-001C-2243	Sequence 2243, AP	c 162
c 164	66.4	4165	4	US-09-949-016-16775	Sequence 16775, A	c 163
c 165	66.4	26165	4	US-09-949-016-15669	Sequence 15649, A	c 164
c 166	66.4	26166	4	US-09-949-016-12519	Sequence 12519, A	c 165
c 167	66.4	36729	4	US-09-949-016-13476	Sequence 13476, A	c 166
c 168	66.4	40429	4	US-09-311-731A-125	Sequence 125, AP	c 167
c 169	66.4	43804	3	US-09-171-461-1	Sequence 1, Appli	c 168
c 170	66.4	43104	4	US-09-970-711-1	Sequence 1, Appli	c 169
c 171	66.4	58108	4	US-09-949-016-13383	Sequence 13383, A	c 170
c 172	66.4	63558	4	US-09-873-40-3	Sequence 3, Appli	c 171
c 173	66.4	63588	4	US-10-2433-735-3	Sequence 3, Appli	c 172

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OM nucleic - nucleic search, using SW model

Run on: July 5, 2005, 11:52:58 ; Search time 9.43741 Seconds

(without alignments)

3814.402 Million cell updates/sec

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Perfect score: 22
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Scoring table: IDENTITY_NUC

Gapop 10_0 , Gapext 1.0

Searched: 1202784 seqs, 818136359 residues

Total number of hits satisfying chosen parameters:

2405568

Minimum DB seq length: 0

Maximum DB seq length: 200000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 500 summaries

Database : Issued_Patents NA:*

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6: /cgn2_6/ptodata/1/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID Description

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2	22	100.0	197	3	US-08-617-454-4	Sequence 4 , Appli	Sequence 4 , Appli	
3	22	100.0	197	5	PCT-US94-01144-4	Sequence 11 , Appli	Sequence 11 , Appli	
4	22	100.0	2124	1	US-08-973-11	Sequence 11 , Appli	Sequence 11 , Appli	
5	22	100.0	2124	3	US-09-182-117-1	Sequence 1 , Appli	Sequence 1 , Appli	
6	22	100.0	8012	3	US-09-182-117-1	Sequence 1 , Appli	Sequence 1 , Appli	
7	22	100.0	8012	4	US-09-44-032A-1	Sequence 1 , Appli	Sequence 1 , Appli	
8	22	100.0	8418	3	US-09-117-5	Sequence 5 , Appli	Sequence 5 , Appli	
9	22	100.0	8418	4	US-09-134-032A-5	Sequence 5 , Appli	Sequence 5 , Appli	
10	22	100.0	8798	3	US-09-182-117-4	Sequence 4 , Appli	Sequence 4 , Appli	
11	22	100.0	8798	4	US-09-434-032A-4	Sequence 4 , Appli	Sequence 4 , Appli	
12	22	100.0	10846	3	US-09-098-219B-5	Sequence 5 , Appli	Sequence 5 , Appli	
13	22	100.0	10846	4	US-10-164-204-5	Sequence 1 , Appli	Sequence 1 , Appli	
14	22	100.0	10846	4	US-09-923-109-5	Sequence 5 , Appli	Sequence 5 , Appli	
15	22	100.0	10900	3	US-09-098-219B-6	Sequence 6 , Appli	Sequence 6 , Appli	
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17	22	100.0	10900	4	US-09-923-109-6	Sequence 6 , Appli	Sequence 6 , Appli	
18	22	100.0	11522	4	US-10-052-092-19	Sequence 19 , Appli	Sequence 19 , Appli	
19	22	100.0	12614	4	US-19-577-424-1	Sequence 1 , Appli	Sequence 1 , Appli	
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c	21	16.4	74.5	624	4	US-09-252-99A-14891	Sequence 14891 , A	Sequence 14891 , A
c	22	16.4	74.5	1536	4	US-09-252-99A-15015	Sequence 15015 , A	Sequence 15015 , A
c	23	16.4	74.5	1557	4	US-09-252-99A-15015	Sequence 15015 , A	Sequence 15015 , A
c	24	16.2	73.6	165	4	US-09-270-767-3285	Sequence 1285 , AP	Sequence 1285 , AP
c	25	16.2	73.6	165	4	US-09-210-767-18567	Sequence 18567 , A	Sequence 18567 , A
c	26	16.2	73.6	553	4	US-09-949-016-12680	Sequence 4552 , AP	Sequence 4552 , AP
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82	17.2	78.2	281	11	US-09-987-899-334	Sequence 334, App	c 155	15.8	71.8	49	21	US-10-903-632-1990
83	17.2	78.2	282	11	US-09-987-899-344	Sequence 334, App	c 156	15.8	71.8	201	21	US-10-741-600-5325
84	17.2	78.2	283	11	US-09-987-899-342	Sequence 342, App	c 157	15.8	71.8	201	18	US-10-424-599-1848
85	17.2	78.2	291	11	US-09-987-899-326	Sequence 326, App	c 158	15.8	71.8	214	18	US-10-437-963-0550
86	17.2	78.2	294	11	US-09-987-899-106487	Sequence 106487,	c 159	15.8	71.8	516	13	US-10-001-876-70
c 87	17.2	78.2	297	18	US-10-424-599-106487	Sequence 114448,	c 160	15.8	71.8	594	13	US-10-027-632-146294
c 88	17.2	78.2	312	18	US-10-424-599-114448	Sequence 815, App	c 161	15.8	71.8	632	13	US-10-425-115-143254
c 89	17.2	78.2	316	18	US-09-987-899-839	Sequence 839, App	c 162	15.8	71.8	646	20	US-10-425-115-143254
90	17.2	78.2	328	18	US-10-424-599-14434	Sequence 14434, A	c 163	15.8	71.8	724	13	US-10-027-632-146293
c 91	17.2	78.2	334	18	US-10-424-599-37359	Sequence 37359, A	c 164	15.8	71.8	724	13	US-10-027-632-146293
c 92	17.2	78.2	339	18	US-10-424-599-138762	Sequence 138762,	c 165	15.8	71.8	724	17	US-10-027-632-146293
c 93	17.2	78.2	354	11	US-09-987-899-813	Sequence 813, App	c 166	15.8	71.8	724	17	US-10-027-632-146294
c 94	17.2	78.2	356	11	US-09-987-899-815	Sequence 815, App	c 167	15.8	71.8	1061	20	US-10-53-047-1789
95	17.2	78.2	392	11	US-09-987-899-798	Sequence 798, App	c 168	15.8	71.8	1188	18	US-10-251-667-3
c 96	17.2	78.2	400	18	US-10-424-599-100577	Sequence 100577,	c 169	15.8	71.8	1406	9	US-09-070-573-573
c 97	17.2	78.2	420	19	US-10-424-599-29291	Sequence 29291, A	c 170	15.8	71.8	1509	20	US-10-851-383-124
c 98	17.2	78.2	426	19	US-10-021-123-15875	Sequence 15875, A	c 171	15.8	71.8	1509	21	US-10-903-632-124
c 99	17.2	78.2	472	18	US-10-424-599-92583	Sequence 92583, A	c 172	15.8	71.8	1872	17	US-10-282-122A-11659
c 100	17.2	78.2	543	18	US-10-424-599-41046	Sequence 41046, A	c 173	15.8	71.8	2232	9	US-09-815-242-6099
c 101	17.2	78.2	555	18	US-10-424-599-23314	Sequence 23314, A	c 174	15.8	71.8	2232	17	US-10-282-122A-21954
c 102	17.2	78.2	566	18	US-10-424-599-40968	Sequence 40968, A	c 175	15.8	71.8	2450	17	US-10-369-193-27096
c 103	17.2	78.2	617	18	US-10-424-599-68317	Sequence 68317, A	c 176	15.8	71.8	2578	17	US-10-369-493-56618
c 104	17.2	78.2	651	18	US-10-424-599-118752	Sequence 118752,	c 177	15.8	71.8	3246	19	US-10-437-963-3345
c 105	17.2	78.2	668	21	US-10-487-901-7208	Sequence 7208, Ap	c 178	15.8	71.8	3966	19	Sequence 4424, Ap
c 106	17.2	78.2	714	21	US-10-487-901-71070	Sequence 1703, Ap	c 179	15.8	71.8	13131	18	US-10-240-589C-57
c 107	17.2	78.2	718	21	US-10-487-901-5765	Sequence 5765, Ap	c 180	15.8	71.8	17082	9	US-09-070-9-7A-229
c 108	17.2	78.2	724	18	US-10-424-599-8224	Sequence 8224, Ap	c 181	15.8	71.8	61177	19	US-10-741-601-5694
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c 110	17.2	78.2	733	18	US-10-425-114-61632	Sequence 6310, Ap	c 183	15.8	71.8	91608	21	US-10-483-408-22
c 111	17.2	78.2	736	21	US-10-487-901-1704	Sequence 1704, Ap	c 184	15.8	71.8	1830121	17	Sequence 1, Appl
c 112	17.2	78.2	736	21	US-10-487-901-5043	Sequence 5043, Ap	c 185	15.8	71.8	1830121	20	US-10-158-865-1
c 113	17.2	78.2	736	21	US-10-487-901-5044	Sequence 5044, Ap	c 186	15.8	71.8	1830121	22	US-10-981-687-1
c 114	17.2	78.2	724	18	US-10-425-114-7225	Sequence 7825, Ap	c 187	15.8	71.8	2731748	19	Sequence 1, Appl
c 115	17.2	78.2	725	18	US-10-425-114-7283	Sequence 7283, Ap	c 188	15.8	71.8	7131	18	US-10-424-599-14591
c 116	17.2	78.2	757	18	US-10-425-114-7407	Sequence 7407, Ap	c 189	15.6	70.9	181	18	Sequence 975, App
c 117	17.2	78.2	807	18	US-10-424-599-41046	Sequence 41046, A	c 190	15.6	70.9	251	18	Sequence 66503, A
c 118	17.2	78.2	812	18	US-10-425-115-10640	Sequence 10640, A	c 191	15.6	70.9	253	11	Sequence 64198, A
c 119	17.2	78.2	912	18	US-10-424-599-41058	Sequence 41058, A	c 192	15.6	70.9	257	18	Sequence 29505, Ap
c 120	17.2	78.2	913	18	US-10-424-599-41033	Sequence 41033, A	c 193	15.6	70.9	293	11	Sequence 110951, App
c 121	17.2	78.2	746	18	US-10-425-114-7283	Sequence 3875, Ap	c 194	15.6	70.9	340	18	Sequence 114975, App
c 122	17.2	78.2	757	18	US-10-425-114-7407	Sequence 41037, A	c 195	15.6	70.9	349	18	Sequence 110957, App
c 123	16.8	76.4	359	18	US-10-424-599-129162	Sequence 129162,	c 196	15.6	70.9	376	18	Sequence 138509, App
c 124	16.8	76.4	371	18	US-10-425-115-13495	Sequence 13495, A	c 197	15.6	70.9	388	18	US-10-424-599-99217
c 125	16.4	74.5	430	18	US-10-424-599-41063	Sequence 101453,	c 198	15.6	70.9	398	20	Sequence 53670, A
c 126	16.4	74.5	461	18	US-10-424-533A-12861	Sequence 32861, A	c 199	15.6	70.9	403	18	Sequence 70360, A
c 127	16.4	74.5	1237	20	US-10-739-930-3875	Sequence 32861, A	c 200	15.6	70.9	408	18	Sequence 111291, App
c 128	16.4	74.5	495	17	US-10-242-599-41037	Sequence 150759,	c 201	15.6	70.9	418	18	Sequence 7839, App
c 129	16.4	74.5	359	18	US-10-424-599-129162	Sequence 129162,	c 202	15.6	70.9	453	9	Sequence 19217, A
c 130	16.2	73.6	231	18	US-09-987-899-6235	Sequence 628, App	c 203	15.6	70.9	455	18	Sequence 6114, A
c 131	16.2	73.6	238	11	US-09-987-899-10463	Sequence 635, App	c 204	15.6	70.9	471	9	Sequence 170-44-170
c 132	16.2	73.6	257	11	US-09-987-899-3953	Sequence 395, App	c 205	15.6	70.9	503	10	Sequence 372, App
c 133	16.2	73.6	653	19	US-10-242-599-179435	Sequence 179435,	c 206	15.6	70.9	529	18	Sequence 118755, App
c 134	16.2	73.6	261	20	US-10-425-115-25618	Sequence 150759,	c 207	15.6	70.9	573	9	Sequence 227152, App
c 135	16.2	73.6	592	17	US-10-422-632-150759	Sequence 150759,	c 208	15.6	70.9	578	9	Sequence 193, App
c 136	16.2	73.6	622	21	US-10-487-901-36464	Sequence 3646,	c 209	15.6	70.9	594	18	Sequence 123588, App
c 137	16.2	73.6	1045	20	US-10-424-599-047-7111	Sequence 4671, Ap	c 210	15.6	70.9	600	22	Sequence 69, App
c 138	16.2	73.6	653	19	US-10-767-701-25838	Sequence 25983, A	c 211	15.6	70.9	602	13	Sequence 227151, App
c 139	16.2	73.6	784	13	US-10-425-115-25618	Sequence 114728,	c 212	15.6	70.9	634	17	Sequence 207113, App
c 140	16.2	73.6	389	17	US-10-422-632-114729	Sequence 114729,	c 213	15.6	70.9	681	9	Sequence 344, App
c 141	16.2	73.6	784	17	US-10-027-632-114728	Sequence 114728,	c 214	15.6	70.9	724	18	Sequence 55, App
c 142	16.2	73.6	784	17	US-10-027-632-114729	Sequence 114729,	c 215	15.6	70.9	724	17	Sequence 60907, A
c 143	16.2	73.6	1045	20	US-10-424-599-047-7111	Sequence 7111, Ap	c 222	15.6	70.9	726	18	Sequence 677, App
c 144	16.2	73.6	1371	18	US-10-767-701-25838	Sequence 20332, A	c 223	15.6	70.9	733	17	Sequence 207113, App
c 145	16.2	73.6	2632	20	US-10-425-115-25618	Sequence 25618,	c 224	15.6	70.9	734	17	Sequence 344, App
c 146	16.2	73.6	389	17	US-10-422-62A-33232	Sequence 33232, A	c 225	15.6	70.9	771	9	Sequence 913, App
c 147	16.2	73.6	171887	13	US-10-087-192-1138	Sequence 1438, Ap	c 226	15.6	70.9	771	9	Sequence 918, App
c 148	16.2	73.6	40133	22	US-10-737-902-79-635	Sequence 79, App	c 227	15.6	70.9	771	9	Sequence 2635, App
c 149	16.2	73.6	40133	22	US-10-765-790-79	Sequence 79, App	c 228	15.6	70.9	780	9	Sequence 880, App

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OM nucleic - nucleic search, using SW model

Run on: July 5, 2005, 11:52:57 ; Search time 97.9016 Seconds
 (without alignments)

1409.457 Million cell updates/sec

Title: US-09-912-968A-7

Perfect score: 22

Sequence: 1 caaattcgtaaggtaatgc 22

Scoring table: IDENTITY_NUC

Gapopen 10.0 , Gapext 1.0

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Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 500 summaries

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7:	/cgn2_6/ptodata/1/pubnra/US08_NEW_PUB.seq:*
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18:	/cgn2_6/ptodata/1/pubnra/US10F_PUBCOMB.seq:*
19:	/cgn2_6/ptodata/1/pubnra/US10G_PUBCOMB.seq:*
20:	/cgn2_6/ptodata/1/pubnra/US10H_PUBCOMB.seq:*
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24:	/cgn2_6/ptodata/1/pubnra/US11I_NEW_PUB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	22	100.0	22	13 US-10-024-632-20	Sequence 20, Appl
2	22	100.0	632	14 US-10-015-637-7	Sequence 7, Appl
3	22	100.0	761	18 US-10-012-699B-1964	Sequence 1964, Appl
4	22	100.0	824	18 US-10-412-699B-1866	Sequence 1966, Appl
5	22	100.0	835	18 US-10-411-699B-1860	Sequence 1960, Appl
6	22	100.0	1008	17 US-10-245-068-101	Sequence 101, Appl
7	22	100.0	1008	17 US-10-374-780A-93	Sequence 93, Appl

8	22	100.0	1008	18 US-10-412-699B-309	Sequence 309, Appl	
9	22	100.0	1008	21 US-10-068-101	Sequence 101, Appl	
10	22	100.0	1998	22 US-10-477-245-8	Sequence 8, Appl	
11	22	100.0	3706	19 US-10-376-733A-6	Sequence 6, Appl	
12	22	100.0	3778	13 US-10-376-733A-5	Sequence 5, Appl	
13	22	100.0	7129	13 US-10-047-542-101	Sequence 101, Appl	
14	22	100.0	10846	9 US-09-923-109-5	Sequence 5, Appl	
15	22	100.0	10846	15 US-10-164-204-5	Sequence 5, Appl	
16	22	100.0	10846	18 US-10-075-430-5	Sequence 6, Appl	
17	22	100.0	10900	9 US-09-923-109-6	Sequence 6, Appl	
18	22	100.0	10900	15 US-10-164-204-6	Sequence 6, Appl	
19	22	100.0	10900	18 US-10-075-430-6	Sequence 6, Appl	
20	22	100.0	11522	14 US-10-052-092-19	Sequence 19, Appl	
21	22	100.0	11522	16 US-10-337-107-19	Sequence 19, Appl	
22	22	100.0	11522	20 US-10-086-419-19	Sequence 9, Appl	
23	22	100.0	11606	19 US-10-502-475A-9	Sequence 9, Appl	
24	22	100.0	12304	21 US-10-473-945-5	Sequence 4, Appl	
c	25	22	100.0	12497	21 US-10-278-536-97	Sequence 97, Appl
26	21	95.5	937	15 US-10-412-699B-1962	Sequence 1956, Appl	
27	21	95.5	937	18 US-10-412-699B-1966	Sequence 1849, Appl	
28	21	95.5	961	18 US-10-487-901-1849	Sequence 5030, Appl	
29	19.4	88.2	649	21 US-10-487-901-1713	Sequence 1712, Appl	
30	19.4	88.2	649	21 US-10-487-901-1713	Sequence 4119, Appl	
31	19.4	88.2	762	21 US-10-487-901-1713	Sequence 5046, Appl	
32	19.4	88.2	764	21 US-10-487-901-14119	Sequence 1962, Appl	
33	19.4	88.2	1878	21 US-10-487-901-5046	Sequence 289, Appl	
c	35	18.8	85.5	276	11 US-09-987-899-289	Sequence 5042, Appl
36	18.8	85.5	654	21 US-10-487-901-1713	Sequence 1713, Appl	
37	18.8	85.5	683	21 US-10-487-901-1713	Sequence 85509, Appl	
38	18.8	85.5	704	20 US-10-425-115-85509	Sequence 5766, Appl	
39	18.8	85.5	737	21 US-10-487-901-5766	Sequence 1716, Appl	
40	18.8	85.5	738	21 US-10-487-901-1716	Sequence 5764, Appl	
41	18.8	85.5	753	21 US-10-487-901-1716	Sequence 5028, Appl	
42	18.8	85.5	754	21 US-10-487-901-5028	Sequence 44123, Appl	
c	44	18.4	83.6	377	20 US-10-425-115-44123	Sequence 4183, Appl
51	17.2	80.9	304	11 US-09-864-408A-4103	Sequence 118208, Appl	
52	17.2	80.9	341	18 US-10-424-593-11208	Sequence 549, Appl	
53	17.2	80.9	629	21 US-10-487-901-225	Sequence 8, Appl	
54	17.2	80.9	671	17 US-10-205-562-8	Sequence 7, Appl	
c	48	17.2	78.2	138	17 US-10-005-562-7	Sequence 10, Appl
c	49	17.2	78.2	138	17 US-10-005-562-10	Sequence 713, Appl
c	50	17.2	78.2	138	17 US-09-987-899-713	Sequence 689, Appl
c	51	17.2	78.2	165	11 US-09-387-899-689	Sequence 549, Appl
c	52	17.2	78.2	230	11 US-09-987-899-549	Sequence 608, Appl
c	53	17.2	78.2	240	11 US-09-987-899-608	Sequence 542, Appl
c	54	17.2	78.2	241	11 US-09-987-899-542	Sequence 428, Appl
c	55	17.2	78.2	247	11 US-09-987-899-4428	Sequence 442, Appl
c	56	17.2	78.2	247	11 US-09-987-899-4428	Sequence 422, Appl
c	57	17.2	78.2	247	11 US-09-987-899-4428	Sequence 422, Appl
c	58	17.2	78.2	249	11 US-09-987-899-422	Sequence 422, Appl
c	59	17.2	78.2	253	11 US-09-987-899-422	Sequence 422, Appl
c	60	17.2	78.2	254	11 US-09-987-899-422	Sequence 422, Appl
c	61	17.2	78.2	251	11 US-09-987-899-4146	Sequence 418, Appl
c	62	17.2	78.2	252	11 US-09-987-899-655	Sequence 655, Appl
c	63	17.2	78.2	253	11 US-09-987-899-393	Sequence 393, Appl
c	64	17.2	78.2	253	11 US-09-987-899-416	Sequence 416, Appl
c	65	17.2	78.2	253	11 US-09-987-899-546	Sequence 546, Appl
c	66	17.2	78.2	258	11 US-09-987-899-379	Sequence 379, Appl
c	67	17.2	78.2	258	11 US-09-987-899-383	Sequence 383, Appl
c	68	17.2	78.2	259	11 US-09-987-899-345	Sequence 345, Appl
c	69	17.2	78.2	259	11 US-09-987-899-442	Sequence 442, Appl
c	70	17.2	78.2	261	11 US-09-987-899-656	Sequence 656, Appl
c	71	17.2	78.2	266	11 US-09-987-899-336	Sequence 336, Appl
c	72	17.2	78.2	266	11 US-09-987-899-514	Sequence 514, Appl
c	73	17.2	78.2	267	11 US-09-987-899-333	Sequence 333, Appl
c	74	17.2	78.2	267	11 US-09-987-899-370	Sequence 370, Appl
c	75	17.2	78.2	267	11 US-09-987-899-637	Sequence 637, Appl
c	76	17.2	78.2	268	18 US-10-024-599-2647	Sequence 26487, A
c	77	17.2	78.2	269	11 US-09-987-899-381	Sequence 381, Appl
c	78	17.2	78.2	271	11 US-09-987-899-315	Sequence 315, Appl
c	79	17.2	78.2	272	11 US-09-987-899-317	Sequence 317, Appl
c	80	17.2	78.2	274	18 US-10-424-599-66725	Sequence 66725, A

* Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID Description

c	93	32055	8	AF458970	Saccharom	AC121654	Rattus no	
c	94	32055	8	AF458975	Saccharom	AP00923	Homo sapi	
c	95	32055	8	AF458975	Saccharom	AC009880	Homo sapi	
c	96	32055	8	AF458980	Saccharom	AC128212	Rattus no	
c	97	32055	8	AF458980	Saccharom	AC151195	Bos tauru	
c	98	32057	8	AF458979	Saccharom	AC129846	Rattus no	
c	99	32077	8	AF458977	Saccharom	AC122740	Mus muscu	
c	100	32077	8	AF458974	Saccharom	AC094036	Rattus no	
c	101	32078	8	AF458971	Saccharom	AC122063	Rattus no	
c	102	32078	8	AF458973	Saccharom	AC120720	Rattus no	
c	103	32078	8	AC015005	Drosophil	AC127195	Rattus no	
c	104	32078	8	AC014145	Mus muscu	AC094568	Rattus no	
c	105	32078	8	AE003572	Drosophil	AC117116	Rattus no	
c	106	32078	8	AL358432	Human DNA	BD153157	Primer fo	
c	107	32078	8	AL353137	Human DNA	AX873695	Sequence	
c	108	69.2	110000	2	AC109085	Rattus no	BV161092	RPMMSBQ
c	109	69.2	110000	8	CR382139	Debayomy	AB041829	Mus muscu
c	110	69.2	110000	8	AB016820_04	Continuation (5 of	BD160550	Primer fo
c	111	69.2	130355	8	AC008007	Genomic B	ABX883822	Sequence
c	112	69.2	142127	2	AC151622	Dasyproctus n	AK024283	Homo sapi
c	113	69.2	144026	10	AC115304	Mus muscu	AF460591	Homo sapi
c	114	69.2	150985	9	HSDD7198	Ali121908 Human DNA	AE010560	Fusobacte
c	115	69.2	151276	9	AC079383	Homo sapi	AF301656	Mus muscu
c	116	69.2	151889	9	AC081250	Homo sapi	AC084686	Caenorhab
c	117	69.2	152247	9	AC068050	Homo sapi	ACX957775	Zebrafish
c	118	69.2	153140	9	AC020783	Homo sapi	AL929446	Mouse DNA
c	119	69.2	154792	2	AC118605	Mus muscu	AL669349	Homo sapi
c	120	69.2	155753	2	AC141891	Mus muscu	AL356300	Homo sapi
c	121	69.2	157308	9	AC012308	Mus muscu	AL031274	Homo sapi
c	122	69.2	158441	2	AC073888	Homo sapi	AC003001	Homo sapi
c	123	69.2	159480	2	AC148584	Gasterost	AC00399	Homo sapi
c	124	69.2	170480	3	AC011705	Drosophil	AC093728	Homo sapi
c	125	69.2	170975	3	AC011705	Drosophil	AC093728	Homo sapi
c	126	69.2	171718	2	CR384077	Danio rer	AP009346	Mouse DNA
c	127	69.2	173910	10	AC122222	AC122292	AL669349	Homo sapi
c	128	69.2	175781	10	AC147366	Mus muscu	AL356300	Homo sapi
c	129	69.2	177051	2	AC011142	Homo sapi	BS000056	Pan trogl
c	130	69.2	181720	9	AC009535	Homo sapi	AC141329	Mus muscu
c	131	69.2	185211	2	AC018707	Homo sapi	AC1161942	Bos tauru
c	132	69.2	186316	9	AC012308	Homo sapi	AL6031765	Human DNA
c	133	69.2	188709	9	AC092937	Homo sapi	AC022023	Homo sapi
c	134	69.2	19835	9	AL158158	Human DNA	AC009591	Homo sapi
c	135	69.2	199200	9	AL359633	Human DNA	AC016505	Homo sapi
c	136	69.2	202856	2	AC027374	Homo sapi	AC119615	Rattus no
c	137	69.2	208709	10	AC126270	Mus muscu	AC025224	Homo sapi
c	138	69.2	208858	5	BX640456	Zebratish	AB048391	Mouse DNA
c	139	69.2	216476	2	AC095682	Rattus no	AF238937	Homo sapi
c	140	69.2	217745	10	AC141647	Mus muscu	AC1121514	Mus muscu
c	141	69.2	218074	9	AC023283	Homo sapi	AC110563	Bos tauru
c	142	69.2	228821	2	AC099258	Rattus no	AC110563	Bos tauru
c	143	69.2	231001	2	AC124869	Rattus no	AC119615	Rattus no
c	144	69.2	238943	2	AC1133701	Rattus no	AC133215	Human DNA
c	145	69.2	243775	2	AC134296	Rattus no	AC131922	Mus muscu
c	146	69.2	251158	2	AC117023	Rattus no	AC020570	Homo sapi
c	147	69.2	252914	2	AC009264	Danio rer	AC021913	Homo sapi
c	148	69.2	255560	2	AC117049	Rattus no	AC131937	Human DNA
c	149	69.2	262429	2	AC132731	Rattus no	AC115273	Rattus no
c	150	69.2	270573	2	AC118304	Rattus no	AC130279	Mus muscu
c	151	69.2	278240	2	AC0102428	Mus muscu	AC118200	Mus muscu
c	152	69.2	278604	1	AP00996	Thermopla	AC111079	Mus muscu
c	153	69.2	285338	2	BX927216	Danio rer	AC097294	Rattus no
c	154	69.2	286756	1	AP000990	Sulfolobu	AC021732	Human DNA
c	155	69.2	296	596	CQ101271	Sequence	AC133215	Rattus no
c	156	69.2	305	596	CQ140264	Sequence	AC139824	Homo sapi
c	157	69.2	305	596	CQ335732	Sequence	AC131922	Mus muscu
c	158	69.2	310000	2	AC129052	Continuation (3 of	AC144613	Pan trogl
c	159	69.2	312058	2	AC015768	Homo sapi	BS000057	Pan trogl
c	160	69.2	314796	9	AP01988	Homo sapi	AL672259	Mouse DNA
c	161	69.2	314950	2	AC150962	Bos tauru	AC016393	Homo sapi
c	162	69.2	315916	2	AC147366	Xenopus t	AC130279	Mus muscu
c	163	69.2	316457	5	BX248312	Zebrafish	AC118200	Mus muscu
c	164	69.2	316629	9	AL139187	Human DNA	AC111079	Mus muscu
c	165	69.2	3168674	2	AC021732	Homo sapi	AC097294	Rattus no

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OM nucleic - nucleic search, using sw model

Run on: July 5, 2005, 11:52:58 ; Search time 312.549 Seconds

(without alignment)

4030.848 Million cell updates/sec

Perfect score: 26

Sequence: 1 tgccataatactcgaaactcgttggaa 26

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 4708233 seqs, 24227607955 residues

Total number of hits satisfying chosen parameters:

9416466

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 500 summaries

Database : GenEmbl:*

1: gb_ba:*

2: gb_htg:*

3: gb_in:*

4: gb_om:*

5: gb_ov:*

6: gb_pat:*

7: gb_Ph:*

8: gb_Pt:*

9: gb_pr:*

10: gb_ro:*

11: gb_sts:*

12: gb_sy:*

13: gb_un:*

14: gb_vl:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived from analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	26	100.0	26	6	AX55236		AY55236 Sequence
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c	4	26	100.0	645	8	PEARBCOSS	M21375 Pisum sativum
c	5	26	100.0	2351	8	PSRC01	AR143709 Sequence
c	6	26	100.0	8012	6	AR143709	BD008400 Glyphosate
c	7	26	100.0	8012	6	BD008400	AR143713 Sequence
c	8	26	100.0	8418	6	AR143713	BD008404 Glyphosate
c	9	26	100.0	8419	6	BD008404	AR143712 Sequence
c	10	26	100.0	8793	6	AR143712	BD008403 Glyphosate
c	11	26	100.0	8798	6	BD008403	AR225313 Sequence
c	12	26	100.0	10846	6	AR225313	AR438378 Sequence
c	13	26	100.0	10846	6	AR438378	AR491631 Sequence
c	14	26	100.0	10847	6	AR491631	BD062173 Expressio
c	15	26	100.0	10847	6	BD062173	AR225314 Sequence
c	16	26	100.0	10900	6	AR225314	AR438379 Sequence
c	17	26	100.0	10900	6	AR438379	AR491632 Sequence
c	18	26	100.0	10900	6	AR491632	BD062174 Expressio
c	19	26	100.0	10901	6	BD062174	

c	20	26	100.0	12614	6	AX052539	Sequence
c	21	24.4	93.8	3706	6	CQB67567	Sequence
c	22	24.4	93.8	3778	6	CQB67566	Sequence
c	23	22.8	87.7	619	8	PEARBPA	PSRBGS3A
c	24	22.8	87.7	2061	8	AB086434	Synthetic
c	25	22.8	87.7	10212	12	AB086434	
c	26	22.8	87.7	10856	12	AB086433	
c	27	22.8	87.7	11522	12	AB294981	Plant exp
c	28	22.8	87.7	12072	12	AB294981	Binary ve
c	29	22.8	87.7	12992	12	AB294982	Binary ve
c	30	22.8	87.7	14103	12	AF330636	Plant DNA
c	31	22.8	87.7	14203	12	AF294979	Binary ve
c	32	22.8	87.7	14230	12	AF294980	Binary ve
c	33	20	76.9	20	6	AX01937	
c	34	20	76.9	20	6	AX128200	Sequence
c	35	20	76.9	20	6	AX460967	Sequence
c	36	19.8	76.2	12477	1	AB006704	Sulfolobus
c	37	19.8	76.2	281244	1	SSU18930	
c	38	18.8	72.3	89340	9	AL355597	Human DNA
c	39	18.8	72.3	23573	2	AC134202	Rattus no
c	40	18.8	72.3	260809	2	AC126820	Rattus no
c	41	18.8	72.3	260809	2	AC126820	
c	42	18.6	71.5	463	11	G23188	
c	43	18.6	71.5	1849	3	OOS440747	
c	44	18.6	71.5	16237	2	AC012853	Drosophil
c	45	18.6	71.5	68018	9	AC090083	Homo sapi
c	46	18.6	71.5	96233	9	AC090083	Homo sapi
c	47	18.6	71.5	108727	3	AC011761	Drosophil
c	48	18.6	71.5	158404	9	AC092835	Homo sapi
c	49	18.6	71.5	161610	5	AL929174	Zebra fish
c	50	18.6	71.5	167358	2	AC010673	Homo sapi
c	51	18.6	71.5	173712	10	AC026626	Homo sapi
c	52	18.6	71.5	178933	2	AC026626	
c	53	18.6	71.5	181141	2	AC093621	Homo sapi
c	54	18.6	71.5	187738	9	AC087738	Homo sapi
c	55	18.6	71.5	199204	10	AL6722250	Mouse DNA
c	56	18.6	71.5	215105	2	AC073717	Mus muscu
c	57	18.6	71.5	215632	2	AC148894	Otolemur
c	58	18.6	71.5	221539	2	AC120646	Rattus no
c	59	18.6	71.5	299666	3	AE003570	Drosophil
c	60	18.6	71.5	327059	2	AC123753	Mus muscu
c	61	18.4	70.8	166733	2	AC112941	Mus muscu
c	62	18.4	70.8	208456	2	AC138212	Mus muscu
c	63	18.4	70.8	349287	2	CR354434	Danio rer
c	64	18.2	70.0	28678	6	CR354390	Danio rer
c	65	18.2	70.0	115641	8	U95973	Arabidopsis
c	66	18.2	70.0	128382	9	HS0737E23	
c	67	18.2	70.0	150831	9	AC007719	Homo sapi
c	68	18.2	70.0	153187	2	AC011151	Homo sapi
c	69	18.2	70.0	158673	2	CR354434	
c	70	18.2	70.0	168917	2	CR354390	
c	71	18.2	70.0	173356	2	AC134318	Rattus no
c	72	18.2	70.0	174470	10	AC114820	Mus muscu
c	73	18.2	70.0	186730	2	AC094251	Sus scrofa
c	74	18.2	70.0	192157	2	AC094251	Rattus no
c	75	18.2	70.0	203613	10	AU591404	Mouse DNA
c	76	18.2	70.0	206910	10	AC113533	Mus muscu
c	77	18.2	70.0	213822	2	BX511081	Danio rer
c	78	18.2	70.0	225020	2	AC129674	Rattus no
c	79	18.2	70.0	292007	2	AC128762	
c	80	18.2	70.0	706	8	YSCRH02X	
c	81	18	69.2	16149	3	MI5150	Yeast (S.cerevisiae)
c	82	18	69.2	17933	8	CP0239530	Canis fam
c	83	18	69.2	1417	5	BC084358	Xenopus 1
c	84	18	69.2	1573	8	SCTNL09N	ZT1356 S.cerevisiae
c	85	18	69.2	2119	5	BC065327	Danio rer
c	86	18	69.2	7105	12	AC018005	Drosophil
c	87	18	69.2	16149	3	U22832	Caenorhabditis elegans
c	88	18	69.2	17933	8	SCORFSDNA	
c	89	18	69.2	31886	8	AF458976	Saccharomyces cerevisiae
c	90	18	69.2	32051	8	AF458978	Saccharomyces cerevisiae
c	91	18	69.2	32053	8	AF458981	Saccharomyces cerevisiae
c	92	18	69.2	32054	8	AF458969	Saccharomyces cerevisiae

94	4261	12	ADJ12616	Adj12616 DNA fragm	C 167	16.4	63.1	2655
95	4261	4	ABJ03620	Abj03620 Drosophil	C 168	16.4	63.1	2655
96	16.6	63.8	5130	Aas81060 DNA encod	C 169	16.4	63.1	2655
97	16.6	63.8	5130	AAS72822 DNA encod	C 170	16.4	63.1	2655
98	16.6	63.8	5130	AAS74984 DNA encod	C 171	16.4	63.1	3233
99	16.6	63.8	5130	AAS68166 DNA encod	C 172	16.4	63.1	3233
100	16.6	63.8	5130	AAS85098 DNA encod	C 173	16.4	63.1	3233
101	16.6	63.8	5130	AAS66528 DNA encod	C 174	16.4	63.1	3233
102	16.6	63.8	5130	AAS89455 DNA encod	C 175	16.4	63.1	3233
103	16.6	63.8	5130	AAS67239 DNA encod	C 176	16.4	63.1	3233
104	16.6	63.8	5130	AAS73825 DNA encod	C 177	16.4	63.1	3233
105	16.6	63.8	5213	AAS70242 DNA encod	C 178	16.4	63.1	3233
112	16.6	63.8	5231	AAS70789 DNA encod	C 179	16.4	63.1	3233
113	16.6	63.8	5450	AAS84966 DNA encod	C 180	16.4	63.1	3233
107	16.6	63.8	5131	AAS83326 DNA encod	C 181	16.4	63.1	3233
108	16.6	63.8	5131	AAS65594 DNA encod	C 182	16.4	63.1	3233
110	16.6	63.8	5210	AAS3526 DNA encod	C 183	16.4	63.1	3233
111	16.6	63.8	5213	AAS89597 DNA encod	C 184	16.4	63.1	3233
112	16.6	63.8	5231	AAS66699 DNA encod	C 185	16.4	63.1	3233
114	16.6	63.8	5450	AAS65193 DNA encod	C 186	16.4	63.1	3233
114	16.6	63.8	5773	AAS84949 DNA encod	C 187	16.4	63.1	3233
115	16.6	63.8	6028	ADe09776 Novel DNA	C 188	16.4	63.1	3233
116	16.6	63.8	6194	Aas73339 DNA encod	C 189	16.4	63.1	3233
117	16.6	63.8	6245	ADQ38A16 DNA encod	C 190	16.4	63.1	3233
c 118	16.6	63.8	6770	ADI24472 Human mod	C 191	16.4	63.1	3233
c 119	16.6	63.8	6779	ADP21387 Gene PPP1	C 192	16.4	63.1	3233
c 120	16.6	63.8	6797	ADQ38A15 DNA encod	C 193	16.4	63.1	3233
c 121	16.6	63.8	7384	ABU32746 Human imm	C 194	16.4	63.1	3233
c 122	16.6	63.8	8065	Aas78732 DNA encod	C 195	16.4	63.1	3233
c 123	16.6	63.8	9479	AA666388 DNA encod	C 196	16.4	63.1	3233
c 124	16.6	63.8	10136	AAS75390 DNA encod	C 197	16.4	63.1	3233
c 125	16.6	63.8	10136	ADP0156 Human SNP	C 198	16.4	63.1	3233
c 126	16.6	63.8	10579	AAS69831 DNA encod	C 199	16.4	63.1	3233
c 127	16.6	63.8	31766	ABD22781 Human sul	C 200	16.4	63.1	3233
c 128	16.6	63.8	31766	Aal05687 Human sul	C 201	16.4	63.1	3233
c 129	16.6	63.8	96589	ADI02954 Human NR3	C 202	16.4	63.1	3233
c 130	16.6	63.8	96589	ADB72692 Human NR3	C 203	16.4	63.1	3233
c 131	16.6	63.8	96589	AdC85434 Human Nr3	C 204	16.4	63.1	3233
c 132	16.6	63.8	96589	Adm69156 Human car	C 205	16.4	63.1	3233
c 133	16.6	63.8	96589	ABD22746 Human can	C 206	16.4	63.1	3233
c 134	16.6	63.8	96589	Aat42063 Haemophil	C 207	16.4	63.1	3233
c 135	16.6	63.8	96589	Continuation (4 of	C 208	16.4	63.1	3233
c 136	16.6	63.8	96589	Aax91990 Nucleotid	C 209	16.4	63.1	3233
c 137	16.6	63.8	154197	AdB36467 Human aut	C 210	16.4	63.1	3233
c 138	16.6	63.8	96589	Acn44598 Human gen	C 211	16.4	63.1	3233
c 139	16.6	63.8	104900	ABD32848 Human can	C 212	16.4	63.1	3233
c 134	16.6	63.8	104900	ABD32848 Human can	C 213	16.4	63.1	3233
c 140	16.6	63.8	110000	AA742063_00	C 214	16.4	63.1	3233
c 142	16.6	63.8	110000	AA742063_03	C 215	16.4	63.1	3233
c 136	16.6	63.8	110000	AAJX91990_00	C 216	16.4	63.1	3233
c 137	16.6	63.8	110000	ACN36467 Human aut	C 217	16.4	63.1	3233
c 138	16.6	63.8	21231	ACN44598 Human gen	C 218	16.4	63.1	3233
c 139	16.6	63.8	276220	ADP75112 Corn tass	C 219	16.4	63.1	3233
c 140	16.6	63.8	308766	ADT05738 Haemophil	C 220	16.4	63.1	3233
c 141	16.6	63.8	349980	Adt05648 Haemophil	C 221	16.4	63.1	3233
c 142	16.6	63.8	224	Adt167689 Human ova	C 222	16.4	63.1	3233
c 143	16.6	63.8	224	Adt174071 Human ova	C 223	16.4	63.1	3233
c 144	16.6	63.8	226	Adt145441 Human neu	C 224	16.4	63.1	3233
c 145	16.6	63.8	401	Adt01827 Human neu	C 225	16.4	63.1	3233
c 146	16.6	63.8	401	Abx1329 Bovine ES	C 230	16.4	63.1	3233
c 153	16.6	63.8	715	Aas73147 DNA encod	C 231	16.4	63.1	3233
c 154	16.6	63.8	401	Aas82176 DNA encod	C 232	16.4	63.1	3233
c 148	16.6	63.8	876	Aas70442 DNA encod	C 233	16.4	63.1	3233
c 155	16.6	63.8	1036	Adt0528 Bacteri	C 234	16.4	63.1	3233
c 156	16.6	63.8	401	Adt00334 Polynucle	C 235	16.4	63.1	3233
c 157	16.6	63.8	401	Aas76719 DNA encod	C 236	16.4	63.1	3233
c 158	16.6	63.8	424	Aas73147 DNA encod	C 237	16.4	63.1	3233
c 159	16.6	63.8	715	Aas82176 DNA encod	C 238	16.4	63.1	3233
c 160	16.6	63.8	1777	Adt0528 Bacteri	C 239	16.4	63.1	3233
c 161	16.6	63.8	1850	Adt161761 Human cdn	C 240	16.4	63.1	3233
c 162	16.6	63.8	1992	Adt07543 CDNA encod	C 241	16.4	63.1	3233
c 163	16.6	63.8	2127	Abx1329 Bovine ES	C 242	16.4	63.1	3233
c 164	16.6	63.8	2185	Adt0528 Bacteri	C 243	16.4	63.1	3233
c 165	16.6	63.8	2282	Adt0528 Bacteri	C 244	16.4	63.1	3233
c 166	16.6	63.8	2547	Abd66293 Novel hum	C 245	16.4	63.1	3233

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: July 5, 2005, 11:52:58 ; Search time 37.1533 Seconds
(without alignments)
4142.654 Million cell updates/sec

Title: US-09-912-968A-B8
Perfect score: 26
Sequence: 1 tgccataatactcgaaactcgatggaa 26

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 4390206 seqs, 2959870667 residues

Total number of hits satisfying chosen parameters: 8780412

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 500 summaries

Database : N_Genesegn_16Dec04:
1: _Genesegn1990bs:*

2: _Genesegn1998bs:*

3: _Genesegn2000bs:*

4: _Genesegn2001bs:*

5: _Genesegn2001bs:*

6: _Genesegn2002bs:*

7: _Genesegn2002bs:*

8: _Genesegn2003bs:*

9: _Genesegn2003bs:*

10: _Genesegn2003cs:*

11: _Genesegn2003ds:*

12: _Genesegn2004as:*

13: _Genesegn2004bs:*

c	21	24.4	93.8	3706	13	ADR49368	H7-1 tran
c	22	24.4	93.8	3778	13	Adr49367	Vector pV
c	23	22.8	87.7	6128	9	Acc85050	Inducible
c	24	22.8	87.7	11522	6	Abr89709	Oestrogen
c	25	20	76.9	20	5	AA201082	PCR
c	26	20	76.9	20	5	AAS04262	Oligonucle
c	27	20	76.9	20	6	Abi53059	F72 PCR p
c	28	18.2	70.0	2878	13	Abd32878	Human can
c	29	18	69.2	579	13	Adb47236	Bacterial
c	30	17.8	68.5	596	4	Aai41444	Probe #10
c	31	17.8	68.5	596	4	Aak35729	Human bon
c	32	17.8	68.5	596	4	Aak09835	Human bra
c	33	17.6	67.7	425	4	Aah11765	Human cdN
c	34	17.6	67.7	1934	3	Aac93498	Human sec
c	35	17.6	67.7	3203	4	Aah18558	Human cdN
c	36	17.6	67.7	6128	9	Acc85050	Inducible
c	37	17.6	67.7	20905	4	Aba07327	Human pan
c	38	17.6	67.7	20905	4	Aak90486	Human dig
c	39	17.6	67.7	20905	4	Aak87167	Human imm
c	40	17.4	66.9	29	8	Abx15464	RbcS term
c	41	17.4	66.9	758	6	Abi92980	Rat metas
c	42	17.4	66.9	758	12	Adn07771	Human mam
c	43	17.2	66.2	772	4	Aah07018	Human cdN
c	44	17.2	66.2	927	5	Aas74662	DNA encod
c	45	17.2	66.2	1630	3	Aaa68014	Eucalyptu
c	46	17.2	66.2	1630	10	Add41764	O-methyl
c	47	17.2	66.2	1697	4	Aah18581	Human cdN
c	48	17.2	66.2	2000	10	Adc08522	Rice DNA
c	49	17.2	66.2	2096	3	Aac62810	O-methyl
c	50	17.2	66.2	2096	6	Abk17075	Eucalyptu
c	51	17.2	66.2	2096	10	Adh75476	Eucalyptu
c	52	17.2	66.2	3070	6	Abk17109	Eucalyptu
c	53	17.2	66.2	3070	10	Adh75529	Eucalyptu
c	54	17.2	66.2	4974	9	Ada03052	Human IQG
c	55	17.2	66.2	4974	9	Aab66336	Human IQG
c	56	17.2	66.2	4974	10	Adb72790	Human cod
c	57	17.2	66.2	4974	11	Adl127130	Human cod
c	58	17.2	66.2	5239	6	Aad43316	Human DRC
c	59	17.2	66.2	5753	2	Aat58681	DNA encod
c	60	17.2	66.2	5753	6	Abk83875	Human cdN
c	61	17.2	66.2	5753	6	ABN95697	Gene #219
c	62	17.2	66.2	5753	9	ADA03051	Human IQG
c	63	17.2	66.2	5753	9	Adi66335	Human IQG
c	64	17.2	66.2	5753	10	Adi72789	Human IQG
c	65	17.2	66.2	5753	11	ADL127129	Human cdN
c	66	17.2	66.2	5753	13	ADR52832	Drug ther
c	67	17.2	66.2	7634	11	ACN89270	Breast ca
c	68	17.2	66.2	90183	12	ADO37960_3	Continuation (4 of
c	69	17	65.4	861	12	ADO35784	Novel mou
c	70	17	65.4	1672	13	ADR24247	Breast ca
c	71	17	65.4	2094	13	ADP24700	PRO polyA
c	72	17	65.4	6745	10	ADF82055	Ileukemia
c	73	17	65.4	8126	4	Adf102628	Drosophil
c	74	17	65.4	191396	13	ADT05647	Haemophil
c	75	16.8	64.6	103	3	Aaa42026	Human sec
c	76	16.8	64.6	16951	1	Adm36511	Human Her
c	77	16.8	64.6	169796	6	Abn85584	Human EGF
c	78	16.8	64.6	209983	13	ABD32854	Human can
c	79	16.8	64.6	375	6	Adh31561	Novel Yea
c	80	16.6	63.8	648	4	Aab29603	Drosophil
c	81	16.6	63.8	1017	8	Aca24812	Prokaryot
c	82	16.6	63.8	1253	8	Abt20379	Aspergill
c	83	16.6	63.8	2277	5	Aas84982	DNA encod
c	84	16.6	63.8	2460	6	Abi54233	Human G-P
c	85	16.6	63.8	2606	5	Aas75832	DNA encod
c	86	16.6	63.8	2999	8	ABT17969	Aspergill
c	87	16.6	63.8	3253	8	Abt19783	Aspergill
c	88	16.6	63.8	3316	5	Aas75000	DNA encod
c	89	16.6	63.8	3316	5	Aas70804	DNA encod
c	90	16.6	63.8	3316	5	Aas70259	DNA encod
c	91	16.6	63.8	3316	5	Aas73840	DNA encod
c	92	16.6	63.8	3588	5	Aas68192	DNA encod
c	93	16.6	63.8	4260	12	Adj12563	DNA fragm

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	26	100.0	26	ABN84494	Abn84494 Arabidops
c	2	100.0	197	AAZ88564	Aza88564 BLRV CDNA
c	3	100.0	632	ABN83922	Abn83922 E9_3 tem
c	4	100.0	1998	ABY76269	Abv76269 Expressio
c	5	100.0	7129	ABE97423	Adr97423 DNA deriv
c	6	100.0	2	AAZ57305	Aax57305 Sugar bee
c	7	100.0	8418	AAZ57309	Aax57309 Sugar bee
c	8	100.0	8798	AAZ57308	Aax57308 Sugar bee
c	9	100.0	10846	ABV54336	Abv54336 E. coli f
c	10	100.0	10847	AAZ08923	Aax08923 Vector co
c	11	100.0	10900	AAZ08924	Aax08924 Vector co
c	12	100.0	10900	AB554337	Ab554337 E. coli f
c	13	100.0	11605	ADQ13598	Adq13598 Plasmid p
c	14	100.0	12304	ABV75876	Abv75876 Luciferases
c	15	100.0	12497	ABV75875	Abv75875 Luciferases
c	16	100.0	12614	AAZ66931	Aac66931 Plant sig
c	17	24.4	93.8	ADE37162	Adr37162 Plant Yie
c	18	24.4	93.8	1008	1008
c	19	24.4	93.8	1008	1008
c	20	24.4	93.8	1008	1008
c	21	24.4	93.8	1147	1147

c	98	18	69.2	921	6	CD253216	AGENCOURT	AU145166	AU145166
c	99	17.8	68.5	288	2	BB308759	BB308759	AW051579	YY87903.x
c	100	17.8	68.5	429	1	AV348111	AV348111	BW666132	UI-E-DX1-
c	101	17.8	68.5	495	4	BJ645843	BJ645843	AQ884391	HS_5510_A
c	102	17.8	68.5	507	9	CG730873	11.19.110E0	AZ241414	RPCI-23-
c	103	17.8	68.5	514	7	CK995737	ip41Ef2.b	BX953334	DKFZp781P
c	104	17.8	68.5	519	7	CN004014	ip41Ef2.g	BG398373	602439328
c	105	17.8	68.5	532	4	BJ652303	BJ652303	BF97435	02244018
c	106	17.8	68.5	544	8	BH274045	CH230-13J	BE385559	60127512
c	107	17.8	68.5	556	4	BA664435	BJ664435	BW439105	BW439105
c	108	17.8	68.5	560	4	BJ653871	BJ653871	BW54586	GM88000400
c	109	17.8	68.5	562	4	BJ664303	BJ664303	CN429395	17000600
c	110	17.8	68.5	583	6	CD817090	BN20_040L	BW633328	UI-H-EU1-
c	111	17.8	68.5	601	9	CR319150	Medicago	BQ446504	UI_H_EU1-
c	112	17.8	68.5	635	7	CK619559	mk25f04.y	BG41954	BT-M-BW0-
c	113	17.8	68.5	689	6	CD819433	BN20_048P	BW439105	BW439105
c	114	17.8	68.5	731	2	AW76357	EST35422	AG26102	Home_sapi
c	115	17.8	68.5	864	9	CG948446	MBEDR5TF	CK022407	AGENCOURT
c	116	17.8	68.5	912	8	BZ452132	BONDUR6TP	BG543579	601070579
c	117	17.8	68.5	285	2	BE766630	BLJ-N7010	AG552074	MAB_muscu
c	118	17.6	67.7	333	7	H38792	yn33902.r1	CO814462	AGENCOURT
c	119	17.6	67.7	635	7	CK619559	7	CD819462	AGENCOURT
c	120	17.6	67.7	336	7	CD819433	BN20_048P	BW439105	BW439105
c	121	17.6	67.7	338	1	BA719748	287C08.S	BI769442	603054768
c	122	17.6	67.7	351	2	BE772803	RC1-T013	CG143197	PUFPC30TD
c	123	17.6	67.7	360	1	A1082875	ow78a04.s	BG665667	DRACGB11
c	124	17.6	67.7	371	2	BE772805	RC1-F1013	CV074821	AGENCOURT
c	125	17.6	67.7	372	2	AW727538	xn83c06.x	CV119300	AGENCOURT
c	126	17.6	67.7	373	7	W87812	W87812	BW452124	BW452124
c	127	17.6	67.7	374	1	AA71974	287C08.S	CP110515	Shultzomi
c	128	17.6	67.7	394	1	A1799129	wf01b06.x	CD954000	SBB_186_G
c	129	17.6	67.7	397	1	AA504743	aa63e10.r	BQ103393	shrp1D000
c	130	17.6	67.7	399	1	A1282394	gv29g16.s	BQ319152	PM3-CM080
c	131	17.6	67.7	405	1	AI435576	th79a06.x	BZ140404	CH230-461
c	132	17.6	67.7	421	9	CR095782	Forward_s	BG40493	ax04903.r
c	133	17.6	67.7	424	2	AA70817	hh25e02.s	CD954000	MA1-00497
c	134	17.6	67.7	424	2	AW103115	xd67c12.x	BE694413	QV0-B1070
c	135	17.6	67.7	425	1	AU153757	AU153757	CK710570	ZF201-P00
c	136	17.6	67.7	427	4	AI218321	gh16c10.x	CF596294	AGENCOURT
c	137	17.6	67.7	427	4	BM131012	NXLV_015	B58382	CIT-HSP-201
c	138	17.6	67.7	428	2	CD0959237	sn28a08.y	CD0959237	Sheared_D
c	139	17.6	67.7	430	1	AA621652	a5f4b01.s	CD0959237	Sheared_D
c	140	17.6	67.7	437	2	AW873629	ho64e01.x	CL892110	abg13901.
c	141	17.6	67.7	439	2	BS097772	ut-R-B01-	CC038950	3591_1.98
c	142	17.6	67.7	446	7	H93377	yx20d08.s1	BH188463	036_E_04-
c	143	17.6	67.7	447	1	A1052070	ow75b02.x	AL625402	13_end_of
c	144	17.6	67.7	447	1	AIB10071	wf65b06.x	BH716122	BOMHGo7TR
c	145	17.6	67.7	458	2	AW633912	hi73e02.x	BX511510	BX511510
c	146	17.6	67.7	462	4	BI494346	df109e09.x	BP337421	BP337421
c	147	17.6	67.7	467	7	HH9606	yn59g07.r1	CO117081	GR_EB019
c	148	17.6	67.7	473	1	AA703504	zj12903.s1	CL654983	PRT0134b
c	149	17.6	67.7	474	1	CK826320	zh25c02.s	CF082675	CF082675
c	150	17.6	67.7	478	2	AW206443	ut-H-B11-	BH183618	023_J_10-
c	151	17.6	67.7	483	7	HA9671	yo23d02.r1	CD22503	AL620568_T3_end_of
c	152	17.6	67.7	487	6	CB145771	K-ESTr0200	AQ586595	RPCI-11-4
c	153	17.6	67.7	488	1	AI092894	qa36a07.x	CL517654	SRA3F09_F
c	154	17.6	67.7	493	1	AA703504	zj12903.s1	CO524230	3530_1.16
c	155	17.6	67.7	496	2	AV131885	ef35h07.x	AQ653135	Sheared_D
c	156	17.6	67.7	504	1	BQ582272	ik95h06.x	CDN745692	GR_EB16
c	157	17.6	67.7	509	5	AI0806763	we05d12.x	CN7004276	BZ147995_SAL_US033
c	158	17.6	67.7	529	1	AI150183	AI150183	CL655656	PR10131d
c	159	17.6	67.7	512	7	AI0254	yo28a04.r1	BX507077	BKp2p791
c	160	17.6	67.7	492	4	AI194347	df109e09.x	CO524230	3530_1.16
c	161	17.6	67.7	514	1	AI951781	wx37e01.x	AU136299	AU136299
c	162	17.6	67.7	516	7	BQ299058	sao54d11.	CN916341	03020ABP
c	163	17.6	67.7	520	4	BG651438	sad46f11.	CN916341	BZ147995_CH230-310
c	164	17.6	67.7	523	1	AI150183	AI150183	CL655656	PR10131d
c	165	17.6	67.7	529	1	AI151975	AI151975	AG449348	MUS_muscu
c	166	17.6	67.7	548	5	AM182498	xj42g12.x	BH188416	0336_O_13-
c	167	17.6	67.7	548	8	AM190578	ui-H-D0-	CF082675	CF082675
c	168	17.6	67.7	552	7	AO934622	RPCI-33-2	CN916341	028_O_08-
c	169	17.6	67.7	563	9	CR740282	CR740282	AL622865	T3_end_of
c	170	17.6	67.7	572	9	BX988851	Rever8e_s	COS22660	3530_1_14
c	171	17.6	67.7	572	9	CC640507	OGWHHS75TV	CA405610	1001759_H

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OM nucleic - nucleic search, using SW model

Run on: July 5, 2005, 11:52:58 ; Search time 243.471 Seconds

(without alignments)

4064.839 Million cell updates/sec

Title: US-09-912-968A-8

Perfect score: 26

Sequence: 1 tgccataatactcgaaactcgatggaa 26

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 34239544 seqs, 19032134700 residues

Total number of hits satisfying chosen parameters:

68479088

Minimum DB seq length 0

Maximum DB seq length 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 500 summaries

Database : EST:*

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1: gb_est1;*
2: gb_est2;*
3: gb_htc;*
4: gb_est3;*
5: gb_est4;*
6: gb_est5;*
7: gb_est6;*
8: gb_gss1;*
9: gb_gss2;*
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Prev. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID Description

Result No.	Score	Query	Match	Length	DB ID	Description
c 1	24.4	93.8	177	6	CD860827 TNE..003C02	CD860827 TNE..003C02
c 2	24.4	93.8	499	6	CD860270 PW..010C05	CD860270 PW..010C05
c 3	22.8	87.7	94	6	CD860898 TNE..003G1	CD860898 TNE..003G1
c 4	22.8	87.7	155	6	CD860783 TNE..003A0	CD860783 TNE..003A0
c 5	22.8	87.7	161	6	CD860752 TE..005G24	CD860752 TE..005G24
c 6	22.8	87.7	176	6	CD860921 TNE..003H2	CD860921 TNE..003H2
c 7	22.8	87.7	176	6	CD860933 TNE..003I1	CD860933 TNE..003I1
c 8	22.8	87.7	191	6	CD861044 TNE..003O1	CD861044 TNE..003O1
c 9	22.8	87.7	255	6	CD860695 TE..005K04	CD860695 TE..005K04
c 10	18.8	72.3	582	6	CD860971 TNE..003X1	CD860971 TNE..003X1
c 11	22.8	87.7	335	6	CD861030 TNE..003N1	CD861030 TNE..003N1
c 12	22.8	87.7	437	6	CD861014 TNE..003M2	CD861014 TNE..003M2
c 13	19.6	75.4	576	6	CD859137 CNI..003A1	CD859137 CNI..003A1
c 14	19.6	75.4	627	2	BF298728 020Pbf08	BF298728 020Pbf08
c 15	18.8	72.3	468	8	AQ822230 HS..5521_B	AQ822230 HS..5521_B
c 16	18.8	72.3	582	6	CD87484 DH0AG10ZC	CD87484 DH0AG10ZC
c 17	18.8	72.3	604	5	BQ971145 QHF16P09_Y	BQ971145 QHF16P09_Y
c 18	18.8	72.3	641	5	BU024264	BU024264
c 19	18.8	72.3	802	8	BH560098 BOHW6ATP	BH560098 BOHW6ATP
c 20	18.8	72.3	825	8	BZ197111 CH23..0..316	BZ197111 CH23..0..316
c 21	18.8	72.3	1203	9	AG598349 Mus muscu	AG598349 Mus muscu
c 22	18.6	71.5	326	5	R45389 Yg42a0..31	R45389 Yg42a0..31
c 23	18.6	71.5	417	5	BQ998012 Ph1d20..Y	BQ998012 Ph1d20..Y
c 24	18.6	71.5	426	8	AQ819885 HS..5259_A	AQ819885 HS..5259_A

25	18.6	71.5	463	7	R46095 CG545644 OS1390528	R46095 CG545644 OS1390528
c 26	18.6	71.5	535	5	BQ098813 ph22d06_Y	BQ098813 ph22d06_Y
c 27	18.6	71.5	557	5	BQ098791 ph22c06_Y	BQ098791 ph22c06_Y
c 28	18.6	71.5	565	5	AQ697577 HS..5525_B	AQ697577 HS..5525_B
c 29	18.6	71.5	586	8	CF892635 A0112D09	CF892635 A0112D09
c 30	18.6	71.5	610	7	CF892635 A0112D09	CF892635 A0112D09
c 31	18.6	71.5	621	8	BZ898925 CR240..15M	BZ898925 CR240..15M
c 32	18.6	71.5	767	9	Danio rer	Danio rer
c 33	18.6	71.5	801	9	CW519097 OP..Ba001	CW519097 OP..Ba001
c 34	18.6	71.5	886	9	AG515921 Mus muscu	AG515921 Mus muscu
c 35	18.6	71.5	1109	9	CN851054MLL	CN851054MLL
c 36	18.6	70.8	349	2	BB115423 BB115423	BB115423 BB115423
c 37	18.4	70.8	639	6	CA058176 ssalrbgb54	CA058176 ssalrbgb54
c 38	18.2	70.0	438	8	CK890974 CK890974	CK890974 CK890974
c 39	18.2	70.0	586	7	CK890978 OSNBB011	CK890978 OSNBB011
c 40	18.2	70.0	643	4	BM699473 UI-E-DXL-	BM699473 UI-E-DXL-
c 41	18.2	70.0	789	4	BB1968522 GBM300058	BB1968522 GBM300058
c 42	18.2	70.0	844	7	CF373890 CR403771	CF373890 CR403771
c 43	18	69.2	214	8	BH800498 CR403772	BH800498 CR403772
c 44	18	69.2	418	9	BI979318 BT134378	BI979318 BT134378
c 45	18	69.2	361	8	AW932759 AW932759	AW932759 AW932759
c 46	18	69.2	363	2	AW623565 AW623565	AW623565 AW623565
c 47	18	69.2	400	2	BB451258 EST402146	BB451258 EST402146
c 48	18	69.2	411	9	CR403771 Arribidops	CR403771 Arribidops
c 49	18	69.2	418	9	CR403772 Arribidops	CR403772 Arribidops
c 50	18	69.2	423	4	BT134378 EST519207	BT134378 EST519207
c 51	18	69.2	436	2	AV932759 BE459887	AV932759 BE459887
c 52	18	69.2	440	2	AV984236 AV984236	AV984236 AV984236
c 53	18	69.2	441	2	BF423388 HC..d11..31	BF423388 HC..d11..31
c 54	18	69.2	447	2	AV984236 AV984236	AV984236 AV984236
c 55	18	69.2	454	2	CO211071 CO211071	CO211071 CO211071
c 56	18	69.2	495	2	BB026328 BB026328	BB026328 BB026328
c 57	18	69.2	499	8	AQ478731 AQ478731	AQ478731 AQ478731
c 58	18	69.2	502	2	AW033665 AW033665	AW033665 AW033665
c 59	18	69.2	517	2	AW626109 AW626109	AW626109 AW626109
c 60	18	69.2	520	8	B17707 34TH6_TPB_C	B17707 34TH6_TPB_C
c 61	18	69.2	524	2	AW648537 AW648537	AW648537 AW648537
c 62	18	69.2	526	2	BF113072 EST424195	BF113072 EST424195
c 63	18	69.2	530	2	BE460059 BE460059	BE460059 BE460059
c 64	18	69.2	551	2	BE450229 BE450229	BE450229 BE450229
c 65	18	69.2	551	4	BG642974 EST51116	BG642974 EST51116
c 66	18	69.2	563	5	BX641456 BX641456	BX641456 BX641456
c 67	18	69.2	566	8	A0632960 RPC1..14	A0632960 RPC1..14
c 68	18	69.2	575	2	BF113073 EST4A0583	BF113073 EST4A0583
c 69	18	69.2	585	2	AW650613 AW650613	AW650613 AW650613
c 70	18	69.2	595	2	BF113123 EST440713	BF113123 EST440713
c 71	18	69.2	596	5	BQ834144 RHPB237	BQ834144 RHPB237
c 72	18	69.2	614	8	AQ377369 AQ377369	AQ377369 AQ377369
c 73	18	69.2	616	2	AW037285 AW037285	AW037285 AW037285
c 74	18	69.2	643	4	B1206727 EST524767	B1206727 EST524767
c 75	18	69.2	645	6	CB015607 HC..d11..43	CB015607 HC..d11..43
c 76	18	69.2	645	6	CD860988 TNE..003C02	CD860988 TNE..003C02
c 77	18	69.2	678	4	BI192934 BI192934	BI192934 BI192934
c 78	18	69.2	694	4	BI193050 BI193050	BI193050 BI193050
c 79	18	69.2	695	8	CC415534 PTHCU06TB	CC415534 PTHCU06TB
c 80	18	69.2	702	4	BM535919 EST519894	BM535919 EST519894
c 81	18	69.2	705	8	AQ794418 AQ794418	AQ794418 AQ794418
c 82	18	69.2	706	7	C0211655 WSB09221..B	C0211655 WSB09221..B
c 83	18	69.2	712	4	BG124024 BG124024	BG124024 BG124024
c 84	18	69.2	735	4	B1924861 B1924861	B1924861 B1924861
c 85	18	69.2	746	9	CR131941 Reverse_S	CR131941 Reverse_S
c 86	18	69.2	775	8	BZ973861 BZ973861	BZ973861 BZ973861
c 87	18	69.2	776	7	CO482958 CO482958	CO482958 CO482958
c 88	18	69.2	783	9	CC693876 OGJUH607V	CC693876 OGJUH607V
c 89	18	69.2	788	1	CG54383 CG54383	CG54383 CG54383
c 90	18	69.2	791	5	BU314777 BU314777	BU314777 BU314777
c 91	18	69.2	793	8	BZ960351 PUGFB607D	BZ960351 PUGFB607D
c 92	18	69.2	808	7	BZ973861 AG108756	BZ973861 AG108756
c 93	18	69.2	815	9	AG108756 Pan trogl	AG108756 Pan trogl
c 94	18	69.2	851	7	CF554149 AGENCourt	CF554149 AGENCourt
c 95	18	69.2	851	7	CK396880 AGENCourt	CK396880 AGENCourt
c 96	18	69.2	856	5	BX851833 BX851833	BX851833 BX851833
c 97	18	69.2	912	9	CL463951 SAIL_1210	CL463951 SAIL_1210

101	60.0	601	4	US-09-949-016-206314	Sequence 206314,	Sequence 14, App1
102	60.0	601	4	US-09-949-016-206315	Sequence 206315,	Sequence 13, App1
103	60.0	601	4	US-09-949-016-206316	Sequence 206316,	Sequence 14, App1
c 104	15.6	60.0	1212	3	US-08-943-731-98	Sequence 98, App1
c 105	15.6	60.0	1578	4	US-09-960-768-3	Sequence 1, App1
c 106	15.6	60.0	1578	4	US-09-960-768-1	Sequence 3, App1
c 107	15.6	60.0	10427	4	US-09-949-016-15785	Sequence 15785, A
c 108	15.6	60.0	20901	4	US-09-949-016-1866	Sequence 11866, A
c 109	15.6	60.0	35881	4	US-08-949-016-731A-127	Sequence 127, App1
c 110	15.6	60.0	36643	4	US-09-949-016-11860	Sequence 11860, A
c 111	15.6	60.0	36821	4	US-09-949-016-16403	Sequence 16403, A
c 112	15.6	60.0	88490	4	US-09-949-016-16404	Sequence 16404, A
c 113	15.6	60.0	37412	4	US-09-949-016-17566	Sequence 17566, A
c 114	15.6	60.0	38682	3	US-08-949-016-731-2	Sequence 2, App1
c 115	15.6	60.0	40315	4	US-09-949-016-11753	Sequence 11753, A
c 116	15.6	60.0	40649	4	US-09-949-016-14219	Sequence 14219, A
c 117	15.6	60.0	49003	4	US-09-949-016-16265	Sequence 16265, A
c 118	15.6	60.0	88736	4	US-09-949-016-12578	Sequence 12758, A
c 119	15.6	60.0	95124	4	US-09-949-016-14222	Sequence 14222, A
c 120	15.6	60.0	162450	3	US-09-949-016-17235	Sequence 17235, A
c 121	15.6	60.0	410	3	US-08-004-991-11	Sequence 1, App1
c 122	15.6	60.0	18780	4	US-09-949-016-13266	Sequence 13266, A
c 123	15.6	60.0	346112	4	US-09-949-016-13165	Sequence 13165, A
c 124	15.6	59.2	189	4	US-09-949-016-681A-128	Sequence 128, App1
c 125	15.6	59.2	201	4	US-09-248-796A-14045	Sequence 10330, A
c 126	15.6	59.2	270	4	US-09-949-016-4111	Sequence 4111, App1
c 127	15.6	59.2	491	4	US-09-389-661-203	Sequence 11, App1
c 128	15.6	59.2	491	4	US-09-363-639-11	Sequence 12, App1
c 129	15.6	59.2	444	1	US-08-264-003B-1	Sequence 1, App1
c 130	15.6	59.2	444	3	US-08-264-234-1	Sequence 1, App1
c 131	15.6	59.2	480	4	US-09-248-796A-14045	Sequence 14045, A
c 132	15.6	59.2	491	4	US-09-389-661-203	Sequence 203, App1
c 133	15.6	59.2	491	4	US-09-320-405B-203	Sequence 203, App1
c 134	15.6	59.2	491	4	US-09-339-318-203	Sequence 203, App1
c 135	15.6	59.2	491	4	US-09-333-826B-203	Sequence 203, App1
c 136	15.6	59.2	491	4	US-09-504-287A-203	Sequence 203, App1
c 137	15.6	59.2	491	4	US-09-334-759-203	Sequence 203, App1
c 138	15.6	59.2	491	4	US-09-590-751A-203	Sequence 203, App1
c 139	15.6	59.2	491	4	US-09-551-621-203	Sequence 203, App1
c 140	15.6	59.2	554	4	US-09-549-016-4385	Sequence 4385, App1
c 141	15.6	59.2	576	1	US-08-281-275-3	Sequence 3, App1
c 142	15.6	59.2	576	1	US-08-727-708-3	Sequence 3, App1
c 143	15.6	59.2	576	2	US-08-766-677-1	Sequence 1, App1
c 144	15.6	59.2	576	2	US-08-843-951-1	Sequence 1, App1
c 145	15.6	59.2	601	4	US-09-949-016-38921	Sequence 38921, A
c 146	15.6	59.2	601	4	US-09-949-016-38922	Sequence 38922, A
c 147	15.6	59.2	601	4	US-09-949-016-57582	Sequence 57582, A
c 148	15.6	59.2	705	3	US-09-949-016-205250	Sequence 205250, A
c 149	15.6	59.2	601	4	US-09-949-016-205251	Sequence 205251, A
c 150	15.6	59.2	653	3	US-09-948-416-264	Sequence 264, App1
c 151	15.6	59.2	675	3	US-08-998-416-179	Sequence 179, App1
c 152	15.6	59.2	676	3	US-08-998-416-280	Sequence 280, App1
c 153	15.6	59.2	685	3	US-08-998-416-951	Sequence 951, App1
c 154	15.6	59.2	705	3	US-08-984-919A-8	Sequence 8, App1
c 155	15.6	59.2	705	3	US-08-984-919A-9	Sequence 9, App1
c 156	15.6	59.2	705	3	US-08-974-102-9	Sequence 8, App1
c 157	15.6	59.2	705	3	US-08-874-102-9	Sequence 9, App1
c 158	15.6	59.2	705	3	US-08-984-919A-8	Sequence 8, App1
c 159	15.6	59.2	705	3	US-08-984-919A-9	Sequence 9, App1
c 160	15.6	59.2	705	3	US-09-006-598A-9	Sequence 9, App1
c 161	15.6	59.2	705	3	US-09-006-598A-9	Sequence 9, App1
c 162	15.6	59.2	707	3	US-08-781-420-5	Sequence 5, App1
c 163	15.6	59.2	707	3	US-08-781-420-7	Sequence 7, App1
c 164	15.6	59.2	707	3	US-08-874-102-7	Sequence 7, App1
c 165	15.6	59.2	707	3	US-08-874-102-7	Sequence 7, App1
c 166	15.6	59.2	707	3	US-08-984-919A-5	Sequence 5, App1
c 167	15.6	59.2	707	3	US-08-984-919A-7	Sequence 5, App1
c 168	15.6	59.2	707	3	US-09-006-598A-7	Sequence 5, App1
c 169	15.6	59.2	707	3	US-09-006-598A-7	Sequence 5, App1
c 170	15.6	59.2	810	4	US-09-543-681A-2314	Sequence 2314, App1
c 171	15.6	59.2	1000	4	US-09-671-317-469	Sequence 469, App1
c 172	15.6	59.2	1000	4	US-09-717-317-484	Sequence 484, App1
c 173	15.6	59.2	1101	3	US-08-984-919A-13	Sequence 13, App1

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OM nucleic - nucleic search, using sw model

Run on: July 5, 2005, 11:52:58 ; Search time 11.1533 Seconds

(without alignments)

3814.402 Million cell updates/sec

Title: US-09-912-968A-8

Perfect score: 26

Sequence: 1 tgccataatctcgaaactcgtaaggaa 26

Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Post-processing: Minimum Match 0% Maximum Match 100%

Listing first 500 summaries

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0% Maximum Match 100%

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
C 1	26	100.0	197	1	US-08-326-297-4	Sequence 4, AppI
C 2	26	100.0	197	3	US-08-61-454-4	Sequence 4, AppI
C 3	26	100.0	197	5	PCT-US94-01144-4	Sequence 4, AppI
C 4	26	100.0	8012	3	US-09-182-117-1	Sequence 1, AppI
C 5	26	100.0	8012	4	US-09-434-039A-1	Sequence 1, AppI
C 6	26	100.0	8418	3	US-09-182-117-5	Sequence 5, AppI
C 7	26	100.0	8418	4	US-09-434-039A-5	Sequence 5, AppI
C 8	26	100.0	8795	3	US-09-182-117-4	Sequence 4, AppI
C 9	26	100.0	8795	4	US-09-434-039A-4	Sequence 4, AppI
C 10	26	100.0	10846	3	US-09-092-198-5	Sequence 5, AppI
C 11	26	100.0	10846	4	US-10-164-204-5	Sequence 5, AppI
C 12	26	100.0	10846	4	US-09-923-109-5	Sequence 5, AppI
C 13	26	100.0	10900	3	US-09-092-219B-6	Sequence 6, AppI
C 14	26	100.0	10900	4	US-10-164-204-6	Sequence 6, AppI
C 15	26	100.0	10900	4	US-09-923-109-6	Sequence 6, AppI
C 16	26	100.0	12614	4	US-09-571-424-1	Sequence 1, AppI
C 17	22.8	87.7	11522	4	US-10-052-092-19	Sequence 19, AppI
C 18	18.6	71.5	17523	4	US-09-943-016-14353	Sequence 14353, A
C 19	17.6	67.7	41318	4	US-09-016-16225	Sequence 16225, A
C 20	17.2	66.2	1630	3	US-09-61-192A-107	Sequence 107, App
C 21	17.2	66.2	1630	4	US-09-168-789-107	Sequence 107, App
C 22	17.2	66.2	2076	4	US-09-598-401C-60	Sequence 60, AppI
C 23	17.2	66.2	3070	4	US-09-052-041C-113	Sequence 113, AppI
C 24	17.2	66.2	7573	1	US-08-281-959-2	Sequence 2, AppI
C 25	17.2	66.2	7573	4	US-09-943-016-16556	Sequence 556, App
C 26	17.2	66.2	7644	4	US-09-943-016-14354	Sequence 3574, App
C 27	17.2	66.2	94095	4	US-09-943-016-14389	Sequence 14389, A

Result No.	Score	Query	Match	Length	DB ID	Description		
C 28	66.2	115963	4	US-09-949-016-12298	Sequence 12298, A			
C 29	66.2	144322	4	US-09-949-016-15316	Sequence 143667, A			
C 30	65.4	601	4	US-09-949-016-143667	Sequence 15793, A			
C 31	65.4	33712	4	US-09-949-016-15793	Sequence 12273, A			
C 32	65.4	130563	4	US-09-949-016-12273	Sequence 16050, A			
C 33	65.4	131379	4	US-09-949-016-16050	Sequence 12610, A			
C 34	65.4	174029	4	US-09-949-016-12610	Sequence 13880, A			
C 35	65.4	174034	4	US-09-949-016-13880	Sequence 15091, A			
C 36	65.4	193169	4	US-09-949-016-15091	Sequence 24, AppI			
C 37	64.6	169998	3	US-09-676-610B-24	Sequence 10, AppI			
C 38	64.6	197496	4	US-09-877-17A-10	Sequence 31157, A			
C 39	64.6	63.8	601	4	US-09-949-016-31157	Sequence 31158, A		
C 40	64.6	63.8	601	4	US-09-949-016-31158	Sequence 61477, A		
C 41	64.6	63.8	601	4	US-09-949-016-61477	Sequence 61478, A		
C 42	64.6	63.8	601	4	US-09-949-016-61478	Sequence 1, AppI		
C 43	64.6	63.8	49378	4	US-09-949-016-13408	Sequence 13408, A		
C 44	64.6	82178	4	US-09-949-016-13394	Sequence 1, AppI			
C 45	64.6	206433	4	US-09-949-016-13527	Sequence 1, AppI			
C 46	64.6	254778	4	US-09-949-016-12417	Sequence 12417, A			
C 47	64.6	340380	4	US-09-949-016-14179	Sequence 14179, A			
C 48	64.6	1230025	4	US-09-452B-1	Sequence 6378, AppI			
C 49	64.6	1230230	4	US-09-418-185A-1	Sequence 1, AppI			
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C 52	64.6	1830121	4	US-09-643-990A-1	Sequence 1, AppI			
C 53	64.6	1830121	4	US-09-949-016-14867	Sequence 1, AppI			
C 54	64.6	564	4	US-09-248-796A-6378	Sequence 116829, AppI			
C 55	64.6	63.1	601	4	US-09-949-016-116829	Sequence 2161, App		
C 56	64.6	63.1	1890	4	US-09-566-921-129	Sequence 129, AppI		
C 57	64.6	63.1	2282	1	US-09-055-797-1	Sequence 1, AppI		
C 58	64.6	63.1	2378	3	US-09-221-017B-909	Sequence 6, AppI		
C 59	64.6	63.1	2463	4	US-09-248-796A-952	Sequence 909, AppI		
C 60	64.6	63.1	2655	4	US-09-963-137-183	Sequence 183, AppI		
C 61	64.6	63.1	44836	4	US-09-949-016-14867	Sequence 14067, A		
C 62	64.6	63.1	168174	4	US-10-071-411A-63	Sequence 2, AppI		
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C 66	64.6	63.1	389504	4	US-09-949-016-11774	Sequence 3752, AppI		
C 67	64.6	63.1	8114	3	US-09-453-702B-29	Sequence 167, AppI		
C 68	64.6	63.1	8114	3	US-09-397-787-167	Sequence 159, AppI		
C 69	64.6	63.1	1071	3	US-09-397-787-159	Sequence 1, AppI		
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C 71	64.6	62.3	16	61.5	1071	3	US-09-397-787-159	Sequence 1, AppI
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c	84	16.6	63.8	641	21	US-10-956-157-10171	Sequence 10171, A	Sequence 81, App1
c	85	16.6	63.8	1017	17	US-10-282-122A-1282	Sequence 1282, A	Sequence 81, App1
c	86	16.6	63.8	1177	19	US-10-437-963-1093	Sequence 12093, A	Sequence 81, App1
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c	88	16.6	63.8	2349	19	US-10-437-963-12091	Sequence 12091, A	Sequence 81, App1
c	89	16.6	63.8	2999	19	US-10-128-714-3271	Sequence 3271, App	Sequence 81, App1
c	90	16.6	63.8	3253	15	US-10-128-714-5327	Sequence 5327, AP	Sequence 81, App1
c	91	16.6	63.8	4260	11	US-09-984-429-4170	Sequence 4170, App	Sequence 81, App1
c	92	16.6	63.8	4261	11	US-09-984-429-4170	Sequence 4170, App	Sequence 81, App1
c	93	16.6	63.8	6245	21	US-10-741-000-79	Sequence 79, App1	Sequence 81, App1
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c	95	16.6	63.8	7384	15	US-10-311-455-719	Sequence 719, App	Sequence 81, App1
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c	146	16.6	63.8	2185	17	US-10-097-74-303	Sequence 303, APP	Sequence 81, App1
c	147	16.6	63.8	2378	13	US-10-194-163-909	Sequence 909, APP	Sequence 81, App1
c	148	16.6	63.8	2655	10	US-09-963-131-139	Sequence 139, APP	Sequence 81, App1
c	149	16.6	63.8	2655	10	US-09-963-131-183	Sequence 183, APP	Sequence 81, App1
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c	151	16.6	63.8	3233	14	US-10-140-308-81	Sequence 81, APP	Sequence 81, App1
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	SUMMARIES	
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		2 26 100.0 632 14 US-10-015-63-7 Sequence 7, Appl
		3 26 100.0 1998 13 US-10-473-945-5 Sequence 8, Appl
		4 26 100.0 12497 21 US-10-474-542-101 Sequence 101, App
		5 26 100.0 10846 9 US-09-923-109-5 Sequence 5, Appl
		6 26 100.0 10846 15 US-10-164-204-5 Sequence 5, Appl
		7 26 100.0 10846 18 US-10-705-430-5 Sequence 19, Appl

* Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	26	100.0	12497	21 US-10-474-542-101	Sequence 101, App
5	26	100.0	10846	9 US-09-923-109-5	Sequence 5, Appl
6	26	100.0	10846	15 US-10-164-204-5	Sequence 5, Appl
7	26	100.0	10846	18 US-10-705-430-5	Sequence 19, Appl

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C 100		71.5	141898	9 AL714001 Human DNA
C 101		71.5	145206	2 AC096850
C 102		71.5	148598	9 HSBAA51C14
C 103		71.5	149307	AC010368
C 104		71.5	153120	9 AC019050
C 105		71.5	156441	2 AC122106 Rattus no
C 106		71.5	158904	5 AC145725 Gasterost
C 107		71.5	165723	2 AC150538 Bos tauru
C 108		71.5	167023	2 AC150634 Bos tauru
C 109		71.5	171122	2 AC060822 Homo sapi
C 110		71.5	172555	2 AC150461 Callithrix
C 111		71.5	179015	2 AC135839 Bos tauru
C 112		71.5	179169	2 AC092759 Papio anu
C 113		71.5	180462	10 AC132335
C 114		71.5	182445	2 AC132717 Rattus no
C 115		71.5	186479	2 AC093186 Papio anu
C 116		71.5	190050	2 AC146922 Obolemur
C 117		71.5	190693	10 AC112682 Mus muscu
C 118		71.5	226220	10 AL603029 Mouse DNA
C 119		71.5	235029	2 AC131419 Rattus no
C 120		71.5	241923	2 AC137656 Bos tauru
C 121		71.5	244698	2 AC132176 Rattus no
C 122		71.5	245628	2 AC1731841 Homo sapi
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C 124		71.5	251710	2 AC117065 Rattus no
C 125		71.5	257603	2 AC129687 Rattus no
C 126		71.5	264090	2 AC098014 Rattus no
C 127		71.5	266232	2 AC094326 Rattus no
C 128		71.5	274560	2 AC099390 Rattus no
C 129		71.5	311823	2 AC095362 Rattus no
C 130		71.5	314746	2 AC106421 Rattus no
C 131		70.8	8356	8 AY359562 Peridinu
C 132		70.8	1746	5 AY554172 Oreochrom
C 133		70.8	89370	3 AC084153 Caenorhab
C 134		70.8	139147	3 AC066725 Caenorhab
C 135		70.8	139434	2 CR388387 Danio rer
C 136		70.8	219621	2 CR391984 Danio rer
C 137		70.8	22801	2 AC115237 Rattus no
C 138		70.8	257817	2 AC006909 Caenorhab
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C 140		70.0	12975	6 AX120765 Sequence
C 141		70.0	2312	6 AX833403 Sequence
C 142		70.0	43088	9 AK095101 Homo sapi
C 143		70.0	4094	6 CQ714181 Sequence
C 144		70.0	107640	9 BD085989 Method of
C 145		70.0	4956	6 AF040990 Homo sapi
C 146		70.0	5560	9 HSMW06595
C 147		70.0	6789	9 HSDDUT1
C 148		70.0	145085	2 AC090261 Human DNA
C 149		70.0	147328	2 AC027755 Homo sapi
C 150		70.0	157377	2 AC022827 Homo sapi
C 151		70.0	159007	9 AC020658 Homo sapi
C 152		70.0	159188	2 AC037432 Homo sapi
C 153		70.0	144631	9 AC069027 Homo sapi
C 154		70.0	145085	2 AC090261 Human DNA
C 155		70.0	147328	2 AC027755 Homo sapi
C 156		70.0	157377	2 AC022827 Homo sapi
C 157		70.0	159007	9 AC020658 Homo sapi
C 158		70.0	167900	2 AC021777 Homo sapi
C 159		70.0	176810	2 AC001889 Homo sapi
C 160		70.0	186656	9 AC012217 Homo sapi
C 161		70.0	191959	2 AC012217 Homo sapi
C 162		70.0	194284	5 AL954329 Zebrafish
C 163		70.0	205903	9 AC111446 Homo sapi
C 164		70.0	205980	9 AC111446 Rattus no

C 166	18.2	275980	2	AC11446	Rattus no	
C 167	18.2	288255	2	AC120070	Ractus no	
C 168	18.2	70.0	303189	2	AC108728	Homo sapi
C 169	18.2	70.0	312893	2	AC118393	Rattus no
C 170	18.2	70.0	312965	2	AC091978	Rattus no
C 171	18.2	70.0	328050	1	AP005275	Corynebac
C 172	18.2	70.0	349887	1	BX92149	Corynebac
C 173-	18.2	70.0	349980	6	AX12144	Sequence
C 174	18.2	70.0	349980	6	AX12145	Sequence
C 175	18	69.2	339	3	HHRMN3	Hammondia
C 176	18	69.2	437	3	AF249971	Neospora
C 177	18	69.2	453	8	TOBREPC	Nicotiana s
C 178	18	69.2	490	11	G73713	PG131R etii
C 179	18	69.2	526	3	AF249972	Neospora
C 180	18	69.2	572	3	AF500029	Hammondia
C 181	18	69.2	572	3	AY117687	Hammondia
C 182	18	69.2	574	3	AF516885	Toxoplasm
C 183	18	69.2	581	3	AF076865	Hammondia
C 184	18	69.2	582	3	AF076870	Hammondia
C 185	18	69.2	582	3	AF076871	Hammondia
C 186	18	69.2	582	3	AF431124	Neospora
C 187	18	69.2	582	3	AF431225	Hammondia
C 188	18	69.2	582	3	AF431226	Hammondia
C 189	18	69.2	582	3	AF487893	Hammondia
C 190	18	69.2	582	3	AY168878	Hammondia
C 191	18	69.2	583	3	HYRTS2	AF095650
C 192	18	69.2	610	3	AF395866	Hammondia
C 193	18	69.2	720	9	HSA327610	AJ322610 Homo sapi
C 194	18	69.2	778	8	TOMRCSD	TOMTO RuBP
C 195	18	69.2	796	8	NSRUE1	X01722 Nicotiana s
C 196	18	69.2	806	8	AY220079	AY220079 Nicotiana s
C 197	18	69.2	103	3	AF470541	Bolbophor
C 198	18	69.2	103	3	AF470544	Bolbophor
C 199	18	69.2	1023	3	AF470544	Bolbophor
C 200	18	69.2	1023	3	AF470572	Bolbophor
C 201	18	69.2	1023	3	AF470575	Bolbophor
C 202	18	69.2	1023	3	AF470579	Bolbophor
C 203	18	69.2	1023	3	AF470583	Bolbophor
C 204	18	69.2	1023	3	AF470587	Bolbophor
C 205	18	69.2	1023	3	AF470591	Bolbophor
C 206	18	69.2	1023	3	AF470595	Bolbophor
C 207	18	69.2	1023	3	AF470599	Bolbophor
C 208	18	69.2	1023	3	AF470603	Bolbophor
C 209	18	69.2	1023	3	AF470610	Bolbophor
C 210	18	69.2	1032	3	AF470616	Bolbophor
C 211	18	69.2	1386	8	STRBS2C	X69762 S.tuberorum
C 212	18	69.2	1454	8	LERBS1	X05932 Tomato rbcS
C 213	18	69.2	1629	8	STRBS2	X69760 S.tuberorum
C 214	18	69.2	1703	3	AF470607	Bolbophor
C 215	18	69.2	1764	1	D42078	Drosophila
C 216	18	69.2	2494	6	CG060263	Sequence
C 217	18	69.2	3222	3	AF076901	Toxoplasm
C 218	18	69.2	3222	3	AF101077	Hammondia
C 219	18	69.2	3223	3	AF152340	AF15240 Hammondia
C 220	18	69.2	4648	3	TOXRG	L2565 Toxoplasma
C 221	18	69.2	5100	2	AC014384	Drosophil
C 222	18	69.2	5177	9	HSM86974	BX640858 Drosophil
C 223	18	69.2	5890	1	AF537210	Staphyloc
C 224	18	69.2	6034	6	CQ598864	CQ598864 Sequence
C 225	18	69.2	8350	3	TGDNPRRA	X75453 T.gondii (S
C 226	18	69.2	8352	3	TGDNPRH	X75459 T.gondii (R
C 227	18	69.2	10938	6	CQ598883	X75430 T.gondii (S
C 228	18	69.2	15985	3	U61989	CQ598883 Sequence
C 229	18	69.2	18413	2	AC015783	U61988 Caenorhabdi
C 230	18	69.2	2391	6	CQ598870	AC015783 Drosophil
C 231	18	69.2	2463	3	DMC1883	CQ598870 Sequence
C 232	18	69.2	34461	2	AC138803	AL031582 Drosophil
C 233	18	69.2	35653	2	AC13252	AC138803 Homo sapi
C 234	18	69.2	40597	3	CBC2A1	AC139252 Homo sapi
C 235	18	69.2	40751	7	AF063308	281038 Caenorhabdi
C 236	18	69.2	40751	10	AL063308	AL063308 Bacteriop
C 237	18	69.2	67449	2	AC10243	AC10243 Mus muscu

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OM nucleic - nucleic search, using sw model

Run on: July 5, 2005, 11:52:58 ; Search time 312.549 Seconds
 (without alignments)
 4030.848 Million cell updates/sec

Title: US-09-912-968A-9
 Perfect score: 26
 Sequence: 1 tcagtttcatggccacaccagaa 26

Scoring table: IDENTITY_NUC
 Gapop 10.0 , Gapext 1.0

Searched: 4708233 seqs, 24227607955 residues

Total number of hits satisfying chosen parameters:

9416466

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 500 summaries

Database : GenBlibl:
 1: qb_ba:*

2: qb_htg:*

3: qb_in:*

4: qb_om:*

5: qb_ov:*

6: qb_pat:*

7: qb_ph:*

8: qb_pr:*

9: qb_pr:*

10: qb_ro:*

11: qb_stc:*

12: qb_sy:*

13: qb_un:*

14: qb_vl:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query ID Description

No. Score Match Length DB ID Description

- - - - - AX555237 Sequence

I19656 Sequence 4

J01257 Pea (P.sati)

AX463287 Sequence

M21375 Pisum sativ

AR014744 Sequence

AR022680 Sequence

X00806 Pea gene fo

C0867567 Sequence

CQ867566 Sequence

AR143709 Sequence

BD008400 Glyphosat

AR143713 Sequence

BD008404 Glyphosat

AR143712 Sequence

BD008403 Glyphosat

AR225313 Sequence

AR438378 Sequence

AR491631 Sequence

20	26	100.0	10847	6	BD062173 Expressio
21	26	100.0	AR225314	6	AR225314 Sequence
22	26	100.0	AR38379	6	AR438379 Sequence
23	26	100.0	AR91632	6	AR491632 Sequence
24	26	100.0	BD062174	6	BD062174 Expressio
25	26	100.0	AX052539	6	AX052539 Sequence
26	24.4	93.8	PEARBP	8	PearBPC
27	24.4	93.8	669	8	PEARBP
28	24.4	93.8	PSRBCS3C	8	PSRBCS3C
29	24.4	93.8	X04333	8	Pea rbcS-3A
30	24.4	93.8	AB086434	12	AB086434 Synthetic
31	24.4	93.8	AF309825	12	Plant exp
32	24.4	93.8	AF294981	12	Binary ve
33	24.4	93.8	AF294982	12	Binary ve
34	24.4	93.8	AF330636	12	Plant cor
35	24.4	93.8	AF294979	12	AF294979 Binary ve
36	24.4	93.8	AF294980	12	AF294980 Binary ve
37	24.4	93.8	AF411547	8	Medicago
38	21.2	81.5	AF056315	8	Medicago
39	21.2	81.5	X96847	8	M. sativa Rb
40	21.2	81.5	MSRBCSK1A	8	
41	21.2	81.5	AP006376	8	
42	21.2	81.5	AC147741	8	
43	21.2	81.5	AC145221	2	
44	21.2	81.5	AC106246	2	
45	21.2	81.5	AC106231	2	
46	19.6	75.4	POTRBCS	546	
47	19.6	75.4	TOMRBCSB	599	
48	19.6	75.4	SIRUBPCS	692	
49	19.6	75.4	SLARBCS	723	
50	19.6	75.4	CAR131050	8	
51	19.6	75.4	TOMRBCSE	729	
52	19.6	75.4	BT013023	1097	
53	19.6	75.4	STPBCS3	598	
54	19.6	75.4	NPRBCS8B	629	
55	19.6	75.4	TOERBCS8B	2293	
56	19.6	75.4	NTERUBSS	2362	
57	19.6	75.4	LERBCS2	776	
58	19.6	75.4	STPBCS1	3323	
59	19.6	75.4	AC107737	219195	
60	19.6	75.4	AC115550	219195	
61	19.6	75.4	BX908742	228384	
62	19.6	75.4	AC097217	232903	
63	19.6	75.4	AC005639	237781	
64	19.2	73.8	CQB7192	3	
65	19.2	73.8	AC020534	349360	
66	19.2	73.8	AC0583526	349360	
67	19.2	73.8	AC03754	349360	
68	19.2	73.8	AC006203	349360	
69	19.2	73.8	AC005639	349360	
70	19	73.1	AF043706	349360	
71	19	73.1	Caenorhab	349360	
72	18.8	72.3	AC15889	349360	
73	18.8	72.3	AC117516	349360	
74	18.8	72.3	AC024594	349360	
75	18.8	72.3	BX324151	349360	
76	18.8	72.3	AC137480	349360	
77	18.8	72.3	AC102406	349360	
78	18.8	72.3	AC125593	349360	
79	18.8	72.3	AC123835	349360	
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81	18.8	72.3	AE017106	349360	
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83	18.6	71.5	AF044397	349360	
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85	18.6	71.5	U29939	349360	
86	18.6	71.5	FPD29939	349360	
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88	18.6	71.5	CQ745390	349360	
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91	18.6	71.5	MN072127	349360	
92	18.6	71.5	AB053465	349360	
93	18.6	71.5	BC018154	349360	

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c	94	3704	6	ABQ70790	Listeria	c	167	16.6	5623	5	AAS79169	
c	95	17	65.4	AAK69657	Human imm	c	168	16.6	63.8	8	ABX62899	
c	96	17	65.4	ABL13296	Drosophil	c	169	16.6	63.8	6631	MMSD	
c	97	17	65.4	ABL20698	Drosophil	c	170	16.6	63.8	12	ADP0631	
c	98	17	65.4	ACN44940	Mouse gen	c	171	16.6	63.8	12677	Rice	
c	99	17	65.4	ACN7688	Human mam	c	172	16.6	63.8	4	AAS46336	
c	100	17	65.4	ADM98959	Diterpene	c	173	16.6	63.8	5	AAB18396	
c	101	17	65.4	AAI57571	Human CGI	c	174	16.6	63.8	5	ABA19200	
c	102	17	65.4	AAI8120	BAC conta	c	175	16.6	63.8	5	ABA19201	
c	103	17	65.4	AAI8390	BAC conta	c	176	16.6	63.8	5	ABA18397	
c	104	17	65.4	AAI22289	BAC conta	c	177	16.6	63.8	6	ABT78943	
c	105	17	65.4	AAI22289	BAC conta	c	178	16.6	63.8	10	ADH80510	
c	106	17	65.4	AAI99682	Continuation	c	179	16.6	63.8	2	AAX23517	
c	107	17	65.4	AAI99682	Continuation	c	180	16.6	63.8	6	ABQ78054	
c	108	17	65.4	AAI99682	Continuation	c	181	16.6	63.8	4	AAP28550	
c	109	17	65.4	ABX8336	Cont	c	182	16.6	63.8	13	AAP28550	
c	110	17	65.4	ACF67367	Continuation	c	183	16.6	63.8	10	ADL18555	
c	111	17	65.4	ACF65388	Continuation	c	184	16.6	63.8	335	Abr63774	
c	112	17	65.4	ACN44150	Continuation	c	185	16.6	63.8	3	AAC02997	
c	113	17	65.4	ACN43984	Continuation	c	186	16.6	63.8	12	ADH12938	
c	114	17	65.4	ADJ25385	Continuation	c	187	16.6	63.8	5	Abv13970	
c	115	17	65.4	ADN97959	Continuation	c	188	16.6	63.8	405	Adq06727	
c	116	17	65.4	ADS16559	Continuation	c	189	16.6	63.8	12	ADQ06729	
c	117	16.8	64.6	ADS61551	Continuation	c	190	16.6	63.8	450	Abv35078	
c	118	16.8	64.6	AVL96024	Continuation	c	191	16.6	63.8	4	Aai89334	
c	119	16.8	64.6	AVL96024	Continuation	c	192	16.6	63.8	5	ABV43224	
c	120	16.8	64.6	AVL96024	Continuation	c	193	16.6	63.8	6	ABN62387	
c	121	16.8	64.6	AVL96024	Continuation	c	194	16.6	63.8	611	Adq51116	
c	122	16.8	64.6	AVL96024	Continuation	c	195	16.6	63.8	613	ADQ51116	
c	123	16.8	64.6	AVL96024	Continuation	c	196	16.6	63.8	640	AAV74729	
c	124	16.8	64.6	ABD33328	Continuation	c	197	16.6	63.8	8	AAV43376	
c	125	16.6	63.8	ACH79353	Continuation	c	198	16.6	63.8	539	AAV43324	
c	126	16.6	63.8	520	ACH79833	Continuation	c	199	16.6	63.8	646	Aai64083
c	127	16.6	63.8	572	AAI42417	Continuation	c	200	16.6	63.8	646	Adf71681
c	128	16.6	63.8	583	ADD76918	Continuation	c	201	16.6	63.8	654	ADK57659
c	129	16.6	63.8	640	ADD48613	Continuation	c	202	16.6	63.8	11	ABD17547
c	130	16.6	63.8	640	ADD46874	Continuation	c	203	16.6	63.8	440	Aah08247
c	131	16.6	63.8	696	ADD77150	Continuation	c	204	16.6	63.8	812	AAV93160
c	132	16.6	63.8	780	ADM45455	Insect re	c	205	16.6	63.8	645	AAH6336
c	133	16.6	63.8	785	ADM99094	Arabidops	c	206	16.6	63.8	645	AAH5896
c	134	16.6	63.8	1164	AAI52133	Arabidops	c	207	16.6	63.8	2	AAV5896
c	135	16.6	63.8	1185	ABA14252	Arabidops	c	208	16.6	63.8	828	AAV61356
c	136	16.6	63.8	1205	ABA98273	Arabidops	c	209	16.6	63.8	828	AAH02425
c	137	16.6	63.8	1410	ADT31587	Human	c	210	16.6	63.8	828	Aah84674
c	138	16.6	63.8	1482	AAI47941	Human	c	211	16.6	63.8	828	Aca59261
c	139	16.6	63.8	1524	AAI15900	Arabidops	c	212	16.6	63.8	828	Aas10003
c	140	16.6	63.8	1571	ADD90548	Arabidops	c	213	16.6	63.8	828	ABL94824
c	141	16.6	63.8	1647	ADF30460	Arabidops	c	214	16.6	63.8	6	AB58533
c	142	16.6	63.8	1698	AAI81978	Ang	c	215	16.6	63.8	8	Aav94988
c	143	16.6	63.8	1756	ADD44906	Ang	c	216	16.6	63.8	10	ADB13454
c	144	16.6	63.8	2000	ADA73332	Ang	c	217	16.6	63.8	10	ADG22870
c	145	16.6	63.8	2044	ADP09648	Ang	c	218	16.6	63.8	1030	Aab07711
c	146	16.6	63.8	2044	ADP84346	Ang	c	219	16.6	63.8	11	ABD17735
c	147	16.6	63.8	2044	ADP78034	Ang	c	220	16.6	63.8	1107	AAB87674
c	148	16.6	63.8	2044	ADH28975	Ang	c	221	16.6	63.8	1158	AAC942772
c	149	16.6	63.8	2044	ADO19807	Ang	c	222	16.6	63.8	1158	ABZ12206
c	150	16.6	63.8	2044	ADO19316	Ang	c	223	16.6	63.8	1159	Aab16619
c	151	16.6	63.8	2044	ADP25164	Ang	c	224	16.6	63.8	1173	AAS87674
c	152	16.6	63.8	2044	ADP54949	Ang	c	225	16.6	63.8	1175	AAB87674
c	153	16.6	63.8	2044	ADP23417	Ang	c	226	16.6	63.8	1176	AAB18324
c	154	16.6	63.8	2044	ADR65826	Ang	c	227	16.6	63.8	4	AAD16619
c	155	16.6	63.8	2044	ADR66510	Ang	c	228	16.6	63.8	1380	ABL90590
c	156	16.6	63.8	2620	AAS84993	Ang	c	229	16.6	63.8	1627	AAD62063
c	157	16.6	63.8	2670	AAS92838	Ang	c	230	16.6	63.8	6	Aab07711
c	158	16.6	63.8	2692	ABX62900	Ang	c	231	16.6	63.8	1420	ABV28334
c	159	16.6	63.8	2886	ADP84416	Ang	c	232	16.6	63.8	5	ABV24241
c	160	16.6	63.8	2925	ADL02658	Ang	c	233	16.6	63.8	1487	ACN42346
c	161	16.6	63.8	3153	ACA38916	Ang	c	234	16.6	63.8	1627	ABQ26386
c	162	16.6	63.8	3534	AAS94169	Ang	c	235	16.6	63.8	6	ABQ26387
c	163	16.6	63.8	5374	ADP84417	Ang	c	236	16.6	63.8	3	AAB15718
c	164	16.6	63.8	5398	ADP23415	Ang	c	237	16.6	63.8	4	AAB158504
c	165	16.6	63.8	5398	ADP23415	Ang	c	238	16.6	63.8	5	ADQ98719
c	166	16.6	63.8	5622	AAS90310	Ang	c	239	16.6	63.8	9	ADB48479

Result No.	Score	Query Match	Length DB	ID	Description	
1	26	100.0	26	6 ABV75876 Luciferas	Abv75876 Luciferas	
2	26	100.0	197	3 AAC66931 Plant sig	Aac66931 Plant sig	
3	26	100.0	632	6 AAB85050 Inducible	Acb85050 Inducible	
4	26	100.0	1008	10 ADC76956 DNA homol	Adc76956 DNA homol	
5	26	100.0	1008	12 ADC76953 DNA homol	Adc76953 DNA homol	
6	26	100.0	1008	12 ADK57660 Plant DNA	Adk57660 Plant DNA	
7	26	100.0	1147	4 ADK57660 Plant DNA	Adk57660 Plant DNA	
8	26	100.0	1998	8 ADK57660 Plant DNA	Adk57660 Plant DNA	
9	26	100.0	2208	2 AAC65431 Insect re	Aad65431 Insect re	
10	26	100.0	3706	13 ADK57660 Plant DNA	Adk57660 Plant DNA	
11	26	100.0	3778	13 ADK57660 Plant DNA	Adk57660 Plant DNA	
12	26	100.0	7129	10 AAC65431 Insect re	Aad65431 Insect re	
13	26	100.0	8012	2 AAC65431 Insect re	Aad65431 Insect re	
14	26	100.0	8418	2 AAC65431 Insect re	Aad65431 Insect re	
15	26	100.0	8798	2 AAC65431 Insect re	Aad65431 Insect re	
16	26	100.0	10846	6 ABS54336 E. coli f	Abs54336 E. coli f	
17	26	100.0	10847	2 AAC65431 Insect re	Aad65431 Insect re	
18	26	100.0	10900	2 AAC65431 Insect re	Aad65431 Insect re	
19	26	100.0	10900	6 ABS54336 E. coli f	Abs54336 E. coli f	
20	26	100.0	11606	12 ADQ13598 Plasmid p	Adq13598 Plasmid p	
21	26	100.0	12304	8 ABV75876 Luciferas	Abv75876 Luciferas	
c	23	26	100.0	12314	4 ABV75876 Luciferas	Abv75876 Luciferas
c	24	24.4	93.8	6128 9 ACC85050	Acc85050 Inducible	
c	25	24.4	93.8	11529 6 ADK57660 Plant DNA	Adk57660 Plant DNA	
c	26	19.6	75.4	614 10 ADC76956 DNA homol	Adc76956 DNA homol	
c	27	19.6	75.4	632 10 ADC76953 DNA homol	Adc76953 DNA homol	
c	28	19.6	75.4	718 10 ADK57682 Plant DNA	Adk57682 Plant DNA	
c	29	19.6	75.4	736 10 ADK57621 Plant DNA	Adk57621 Plant DNA	
c	30	19.6	75.4	736 10 ADK57660 Plant DNA	Adk57660 Plant DNA	
c	31	19.6	75.4	841 11 ADM44879 Insect re	Adm44879 Insect re	
c	32	19.6	75.4	847 11 ADM45447 Insect re	Adm45447 Insect re	
c	33	19.6	75.4	1100000 13 ABD32909_1 Continuation (2 of Abi09362 Drosophil	Abd32909_1 Continuation (2 of Abi09362 Drosophil	
c	34	19.2	73.8	24066 4 ABD33143 Murine ca	Abd33143 Murine ca	
c	35	18.8	72.3	289190 13 ABD33143 Murine ca	Abd33143 Murine ca	
c	36	18.6	71.5	29912 6 ABK87970 Human pro	Abk87970 Human pro	
c	37	18.2	70.0	2 AAJ57263 Human ROB	Aaj57263 Human ROB	
c	38	18.2	70.0	5 AAH65646 C glutamici	Aah65646 C glutamici	
c	39	18.2	70.0	1176 5 Adm01842 Human cDN	Adm01842 Human cDN	
c	40	18.2	70.0	2312 11 ADM01842 Human cDN	Adm01842 Human cDN	
c	41	18.2	70.0	4956 2 AAX57700 Human ROB	Aax57700 Human ROB	
c	42	18.2	70.0	6629 12 ADM32895 Nucleotid	Adm32895 Nucleotid	
c	43	18.2	70.0	6629 12 ADQ19826 Human sof	Adq19826 Human sof	
c	44	18.2	70.0	7059 12 ADQ227254 Human sof	Adq227254 Human sof	
c	45	18.2	70.0	7059 12 ADQ23948 Human sof	Adq23948 Human sof	
c	46	18.2	70.0	7475 12 ADP07314 Human ROB	Adp07314 Human ROB	
c	47	18.2	70.0	349380 5 AAH68525 C glutamici	Aah68525 C glutamici	
c	48	18.2	70.0	349980 5 AAH68526 C glutamici	Aah68526 C glutamici	
c	49	18	69.2	306 2 AAV72878 Neospora	AAv72878 Neospora	
c	50	18	69.2	307 2 AAV72881 Toxoplasma	AAv72881 Toxoplasma	
c	51	18	69.2	714 10 ADK54320 Plant DNA	Adk54320 Plant DNA	
c	52	18	69.2	725 11 ADM44821 Insect re	Adm44821 Insect re	
c	53	18	69.2	736 10 ADK57661 Plant DNA	Adk57661 Plant DNA	
c	54	18	69.2	741 11 ADM45450 Insect re	Adm45450 Insect re	
c	55	18	69.2	2494 4 ABU22520 Drosophil	Abu22520 Drosophil	
c	56	18	69.2	6934 4 ABU22524 Drosophil	Abu22524 Drosophil	
c	57	18	69.2	10938 4 ABU19600 Drosophil	Abu19600 Drosophil	
c	58	18	69.2	23914 4 ABIL20258 Drosophil	Abil20258 Drosophil	
c	59	18	69.2	322217 4 AAS41738 Genomic s	Aas41738 Genomic s	
c	60	18	69.2	32265 11 ACN44490 Human gen	Acn44490 Human gen	
c	61	18	69.2	527136 13 ABD33136 Human can	Abd33136 Human can	
c	62	17.8	68.5	4365 13 ADR85411 Aspergillus	Adr85411 Aspergillus	
c	63	17.8	68.5	4681 13 ADR84824 Aspergillus	Adr84824 Aspergillus	
c	64	17.8	68.5	10681 13 ADR84237 Aspergillus	Adr84237 Aspergillus	
c	65	17.6	67.7	426 3 AAC69737 Human bre	Aac69737 Human bre	
c	66	17.6	67.7	1531 5 ADI45530 Human ova	Adi45530 Human ova	
c	67	17.6	67.7	3565 4 AAK87302 Human imm	Aak87302 Human imm	
c	68	17.6	67.7	3565 4 AAK87303 Human imm	Aak87303 Human imm	
c	69	17.6	67.7	4483 4 AAK87304 Human imm	Aak87304 Human imm	
c	70	17.6	67.7	7883 6 ABU65808 Lung canc	Abu65808 Lung canc	
c	71	17.6	67.7	7909 13 ADP56223 Human PRO	Adp56223 Human PRO	
c	72	17.6	67.7	157090 12 ADO47194 DNA sequ	Ado47194 DNA sequ	
c	73	17.6	67.7	275491 11 ACN44194 Human GPC	Acn44194 Human GPC	
c	75	17.2	66.2	349338 10 ADC87621 Human GPC	Adc87621 Human GPC	
c	76	17.2	66.2	1041 9 ADA30422 DNA encod	Ada30422 DNA encod	
c	77	17.2	66.2	12 ADA305926 Novel mou	Ada305926 Novel mou	
c	78	17.2	66.2	1646 9 ADA15580 DNA encod	Ada15580 DNA encod	
c	79	17.2	66.2	2183 12 ADD001816 Thalecrus	Ado01816 Thalecrus	
c	80	17.2	66.2	12639 4 ABU01997 Drosophil	Abu01997 Drosophil	
c	81	17.2	66.2	18610 4 ABU01996 Drosophil	Abu01996 Drosophil	
c	82	17.2	66.2	138627 12 ADQ97183 Hormone-1	Adq97183 Hormone-1	
c	83	17	65.4	188017 11 ACN45148 Mouse gen	Acn45148 Mouse gen	
c	84	17	65.4	478 13 ACN51885 Cotton an	Acn51885 Cotton an	
c	85	17	65.4	555 5 AAH98115 Murine 7-	Aah98115 Murine 7-	
c	86	17	65.4	669 3 AAF12394 Aspergilli	Aaf12394 Aspergilli	
c	87	17	65.4	8 AAV01704 Hormone-1	Aav01704 Hormone-1	
c	88	17	65.4	8 ACRA4702 Prokaryot	Acra4702 Prokaryot	
c	89	17	65.4	1506 13 ADS60008 Bacterial	Ad60008 Bacterial	
c	90	17	65.4	2199 10 ADC08344 Rice DNA	Adc08344 Rice DNA	
c	91	17	65.4	2244 8 ADG69605 Rice gene	Adg69605 Rice gene	
c	92	17	65.4	2471 11 ADM01403 Human cDN	Adm01403 Human cDN	
c	93	17	65.4	2502 10 ACF70828 Photorhab	Adcf70828 Photorhab	

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SUMMARIES

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THERMOPHILIC BACTERIA

101	63.1	25249	4	US-09-949-016-17444	Sequence 17444, A	174	61.5	32379	4	US-09-949-016-15218			
	c 102	63.1	25249	4	US-09-949-016-12761	Sequence 17261, A	175	61.5	32379	4	US-09-949-016-1219		
	c 103	63.1	97423	4	US-09-949-016-12742	Sequence 12742,	176	61.5	32379	4	US-09-949-016-12220		
	c 104	63.1	97424	4	US-09-949-016-15576	Sequence 15576, A	177	61.5	32379	4	US-09-949-016-15221		
	c 105	63.1	140925	4	US-09-949-016-11777	Sequence 11777, A	178	61.5	32379	4	US-09-949-016-1222		
	c 106	63.1	140982	4	US-09-949-016-16295	Sequence 16295, A	179	61.5	32379	4	US-09-949-016-12223		
	c 107	63.1	264206	4	US-09-949-016-12231	Sequence 12731, A	180	61.5	32379	4	US-09-949-016-15224		
	c 108	63.1	264304	4	US-09-949-016-13249	Sequence 13249, A	181	61.5	32379	4	US-09-949-016-15225		
	c 109	63.1	455726	4	US-09-949-016-14157	Sequence 14157, A	182	61.5	32379	4	US-09-949-016-15226		
	c 110	63.1	481115	4	US-09-949-016-11940	Sequence 11940, A	183	61.5	32379	4	US-09-949-016-14117		
	c 111	63.1	636591	4	US-09-949-016-16080	Sequence 11808, A	184	61.5	55827	4	US-09-949-016-13243		
	c 112	63.1	636591	4	US-09-949-016-13388	Sequence 13388, A	185	61.5	55827	4	US-10-212-877-3		
	c 113	63.1	788431	4	US-09-951-389-3	Sequence 3, Appli	c 186	61.5	58821	4	US-09-949-016-15897		
	c 114	63.1	788431	4	US-09-949-016-17417	Sequence 17417, A	c 187	61.5	58824	4	US-09-949-016-1615		
	c 115	63.1	601	4	US-09-949-016-17417	Sequence 17417, A	c 188	61.5	60489	4	US-09-949-016-1287		
	c 116	63.1	62.3	601	4	US-09-949-016-14157	Sequence 14157, A	c 189	61.5	63223	4	Sequence 14417, A	
	c 117	63.1	62.3	601	4	US-09-949-016-17436	Sequence 17436, A	c 190	61.5	64377	4	Sequence 3, Appli	
	c 118	63.1	62.3	936	4	US-09-949-016-10444	Sequence 1044, Ap	c 191	61.5	64377	4	Sequence 15214, A	
	c 119	63.1	62.3	948	4	US-09-107-433-2214	Sequence 2214, Ap	c 192	61.5	64377	4	Sequence 15215, A	
	c 120	63.1	62.3	1001	3	US-09-641-638-168	Sequence 168, App	c 193	61.5	64377	4	Sequence 15216, A	
	c 121	63.1	62.3	1001	3	US-09-641-638-169	Sequence 169, App	c 194	61.5	85368	4	Sequence 12211, A	
	c 122	63.1	62.3	1001	4	US-10-170-097-168	Sequence 168, App	c 195	61.5	87617	4	Sequence 16551, A	
	c 123	63.1	62.3	1004	4	US-10-170-097-169	Sequence 169, App	c 196	61.5	119930	4	Sequence 15212, A	
	c 124	63.1	62.3	1004	4	US-09-540-236-88	Sequence 88, Appli	c 197	61.5	119930	4	Sequence 15213, A	
	c 125	63.1	62.3	1851	3	US-09-937-712-2	Sequence 2, Appli	c 198	61.5	125536	4	Sequence 15214, A	
	c 126	63.1	62.3	40091	4	US-09-945-632-3	Sequence 1, Appli	c 199	61.5	212449	4	Sequence 15419, A	
	c 127	63.1	62.3	40091	4	US-09-949-016-16011	Sequence 16011, A	c 200	15.8	60.8	526	4	Sequence 8997, Ap
	c 128	63.1	62.3	52992	4	US-09-949-016-17436	Sequence 17436, A	c 201	15.8	1281	4	Sequence 1305, Ap	
	c 129	63.1	62.3	69199	4	US-09-949-016-17436	Sequence 17436, A	c 202	15.8	59719	4	Sequence 15616, A	
	c 130	63.1	62.3	126237	4	US-09-949-016-16674	Sequence 16674, A	c 203	15.8	63930	4	Sequence 16319, A	
	c 131	63.1	62.3	126237	4	US-09-949-016-16675	Sequence 16675, A	c 204	15.8	109690	4	Sequence 16319, A	
	c 132	63.1	62.3	150597	4	US-09-949-016-15379	Sequence 15379, A	c 205	15.6	292	4	Sequence 13525, A	
	c 133	63.1	62.3	269223	4	US-09-956-002-41	Sequence 41, Appli	c 206	15.6	60.0	419	4	Sequence 6456, Ap
	c 134	63.1	62.3	283338	4	US-09-949-016-13506	Sequence 16105, A	c 207	15.6	60.0	419	4	Sequence 23582, A
	c 135	63.1	61.5	249	4	US-09-270-767-25304	Sequence 25304, A	c 208	15.6	60.0	586	4	Sequence 14218, A
	c 136	63.1	61.5	290	4	US-09-13-294-7405	Sequence 7405, Ap	c 209	15.6	60.0	601	4	Sequence 23698, A
	c 137	63.1	61.5	334	4	US-09-270-767-9987	Sequence 9987, Ap	c 210	15.6	60.0	601	4	Sequence 12270, A
	c 138	63.1	61.5	597	4	US-09-621-976-17221	Sequence 17221, A	c 211	15.6	60.0	601	4	Sequence 23700, A
	c 139	63.1	61.5	601	4	US-09-949-016-77943	Sequence 77943, A	c 212	15.6	60.0	601	4	Sequence 26258, A
	c 140	63.1	61.5	601	4	US-09-949-016-122940	Sequence 122940, A	c 213	15.6	60.0	601	4	Sequence 55539, A
	c 141	63.1	61.5	601	4	US-09-949-016-12304	Sequence 12304, A	c 214	15.6	60.0	601	4	Sequence 56296, A
	c 142	63.1	61.5	601	4	US-09-949-016-12128	Sequence 123128, A	c 215	15.6	60.0	601	4	Sequence 60024, A
	c 143	63.1	61.5	601	4	US-09-12224	Sequence 123222, A	c 216	15.6	60.0	601	4	Sequence 77083, A
	c 144	63.1	61.5	601	4	US-09-949-016-123316	Sequence 123316, A	c 217	15.6	60.0	601	4	Sequence 95298, A
	c 145	63.1	61.5	601	4	US-09-949-016-123358	Sequence 123358, A	c 218	15.6	60.0	601	4	Sequence 95299, A
	c 146	63.1	61.5	601	4	US-09-949-016-12340	Sequence 12340, A	c 219	15.6	60.0	601	4	Sequence 95476, A
	c 147	63.1	61.5	601	4	US-09-949-016-123440	Sequence 123440, A	c 220	15.6	60.0	601	4	Sequence 163441, A
	c 148	63.1	61.5	601	4	US-09-949-016-124484	Sequence 123484, A	c 221	15.6	60.0	601	4	Sequence 163442, A
	c 149	63.1	61.5	601	4	US-09-949-016-123526	Sequence 123526, A	c 222	15.6	60.0	601	4	Sequence 163443, A
	c 150	63.1	61.5	601	4	US-09-949-016-123568	Sequence 123568, A	c 223	15.6	60.0	601	4	Sequence 163444, A
	c 151	63.1	61.5	601	4	US-09-949-016-123610	Sequence 123610, A	c 224	15.6	60.0	601	4	Sequence 163445, A
	c 152	63.1	61.5	601	4	US-09-949-016-123652	Sequence 123652, A	c 225	15.6	60.0	601	4	Sequence 163446, A
	c 153	63.1	61.5	601	4	US-09-949-016-123694	Sequence 123694, A	c 226	15.6	60.0	601	4	Sequence 163447, A
	c 154	63.1	61.5	601	4	US-09-949-016-123736	Sequence 123736, A	c 227	15.6	60.0	601	4	Sequence 163448, A
	c 155	63.1	61.5	601	4	US-09-949-016-147933	Sequence 147933, A	c 228	15.6	60.0	601	4	Sequence 163449, A
	c 156	63.1	61.5	601	4	US-09-949-016-169651	Sequence 169651, A	c 229	15.6	60.0	601	4	Sequence 163450, A
	c 157	63.1	61.5	844	3	US-08-947-219-46	Sequence 46, Appli	c 230	15.6	60.0	601	4	Sequence 191592, A
	c 158	63.1	61.5	2663	4	US-09-123-733-8	Sequence 8, Appli	c 231	15.6	60.0	601	4	Sequence 191769, A
	c 159	63.1	61.5	1238	4	US-09-248-796A-1603	Sequence 11320, A	c 232	15.6	60.0	601	4	Sequence 191770, A
	c 160	63.1	61.5	1473	4	US-09-134-000C-2771	Sequence 2771, Ap	c 233	15.6	60.0	601	4	Sequence 191947, A
	c 161	63.1	61.5	2016	4	US-09-328-352-3742	Sequence 3742, Ap	c 234	15.6	60.0	601	4	Sequence 191948, A
	c 162	63.1	61.5	2183	4	US-09-641-612-9	Sequence 9, Appli	c 235	15.6	60.0	601	4	Sequence 192125, A
	c 163	63.1	61.5	2663	3	US-09-948-740A-8	Sequence 8, Appli	c 236	15.6	60.0	601	4	Sequence 192126, A
	c 164	63.1	61.5	1029	4	US-09-228-352-2688	Sequence 2688, Ap	c 237	15.6	60.0	601	4	Sequence 203287, A
	c 165	63.1	61.5	2718	4	US-09-949-016-123440	Sequence 1603, Ap	c 238	15.6	60.0	601	4	Sequence 205345, A
	c 166	63.1	61.5	3234	4	US-08-286-325A-7	Sequence 7, Appli	c 239	15.6	60.0	601	4	Sequence 191947, A
	c 167	63.1	61.5	6223	4	US-09-520-312D-459	Sequence 459, App	c 240	15.6	60.0	601	4	Sequence 19837, A
	c 168	63.1	61.5	6304	4	US-09-920-312D-460	Sequence 461, App	c 241	15.6	60.0	601	4	Sequence 192125, A
	c 169	63.1	61.5	6382	4	US-09-620-312D-460	Sequence 460, App	c 242	15.6	60.0	601	4	Sequence 192126, A
	c 170	63.1	61.5	10014	3	US-08-327-219-130	Sequence 130, App	c 243	15.6	60.0	601	4	Sequence 77, Ap
	c 171	63.1	61.5	31199	4	US-09-949-016-16516	Sequence 16516, A	c 244	15.6	60.0	601	4	Sequence 2178, Ap
	c 172	63.1	61.5	32310	4	US-09-949-016-16164	Sequence 16164, A	c 245	15.6	60.0	601	4	Sequence 2, Appli
	c 173	63.1	61.5	32379	4	US-09-949-016-15217	Sequence 15217, A	c 246	15.6	60.0	601	4	Sequence 2, Appli

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OM nucleic - nucleic search, using sw model

Run on: July 5, 2005, 11:52:58 ; Search time 11.1533 Seconds

(without alignments)

3814.402 Million cell updates/sec

Title: US-09-912-968A-9

Perfect score: 26

Sequence: 1 tcagtttcatgcgcacaccagaa 26

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0
Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Database : Issued Patents NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

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5: /cgn2_6/ptodata/1/ina/PCITUS_COMBO.seq:*

6: /cgn2_6/ptodata/1/ina/backfile1.seq:*

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SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	26	100.0	197	1	US-08-326-297-4		Sequence 4 , Appli
2	26	100.0	197	3	US-08-617-454-4		Sequence 4 , Appli
3	26	100.0	197	5	PCT-US94-01144-4		Sequence 4 , Appli
4	26	100.0	2124	1	US-08-973-11		Sequence 11 , Appli
5	26	100.0	2124	1	US-08-803-972-11		Sequence 11 , Appli
6	26	100.0	8012	3	US-09-182-117-1		Sequence 1 , Appli
7	26	100.0	8012	4	US-10-44-039A-1		Sequence 1 , Appli
8	26	100.0	8418	3	US-09-117-5		Sequence 5 , Appli
9	26	100.0	8418	4	US-09-134-039A-5		Sequence 5 , Appli
10	26	100.0	8798	3	US-09-182-117-4		Sequence 4 , Appli
11	26	100.0	8798	4	US-09-44-039A-4		Sequence 4 , Appli
12	26	100.0	10846	3	US-09-098-219B-5		Sequence 5 , Appli
13	26	100.0	10846	4	US-10-164-204-5		Sequence 5 , Appli
14	26	100.0	10846	4	US-09-94-016-15999		Sequence 5 , Appli
15	26	100.0	10900	3	US-09-098-219B-6		Sequence 6 , Appli
16	26	100.0	10900	4	US-10-164-204-6		Sequence 6 , Appli
17	26	100.0	10900	4	US-09-923-109-6		Sequence 6 , Appli
18	26	100.0	12614	4	US-09-577-424-1		Sequence 1 , Appli
19	24.4	93.8	11522	4	US-10-052-092-19		Sequence 19 , Appli
c 20	18.6	71.5	169314	4	US-09-94-016-15999		Sequence 15999 , A
c 21	17.6	67.7	51254	4	US-09-94-016-15009		Sequence 15009 , A
c 22	17.6	67.7	51154	4	US-09-94-016-15010		Sequence 15010 , A
c 23	17.6	67.7	51754	4	US-09-94-016-15011		Sequence 15011 , A
c 24	17.6	67.7	51754	4	US-09-94-016-15012		Sequence 15012 , A
c 25	17.6	67.7	51754	4	US-09-94-016-15215		Sequence 15276 , A
c 26	17.6	67.7	51754	4	US-09-94-016-15226		Sequence 15277 , A
c 27	17.6	67.7	51754	4	US-09-94-016-15277		Sequence 15277 , A

Score

Length

DB

ID

Description

28 , Appli

Score

Length

DB

ID

c	81	17.2	188017	13	US-10-087-192-1951	154	16.6	63.8	914	17	US-10-027-632-120774
c	82	17	65.4	224	18 US-10-424-599-13547	155	16.6	63.8	929	20	US-10-739-930-1359
c	83	17	65.4	337	20 US-10-425-115-17016	156	16.6	63.8	1205	9	US-09-770-145-41
c	84	17	65.4	414	17 US-10-242-535A-23715	157	16.6	63.8	1410	18	US-10-641-643-913
c	85	17	65.4	414	18 US-10-085-783A-23715	158	16.6	63.8	1524	9	US-09-925-30-325
c	86	17	65.4	478	19 US-10-021-323-6666	c 159	16.6	63.8	1647	16	US-10-316-253-33
c	87	17	65.4	557	13 US-10-027-632-114499	c 160	16.6	63.8	1952	19	US-10-437-963-96123
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c	105	17	65.4	1755	19 US-10-437-663-88870	c 178	16.6	63.8	99629	18	Sequence 37, Appli
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OM nucleic - nucleic search, using sw model

Run on: July 5, 2005, 11:52:57 ; Search time 115.702 Seconds
 (without alignments)

1409.457 Million cell updates/sec

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Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

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Listing first 500 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	26	100.0	1008	15	US-10-025-068-101		Sequence 101, Appl
4	26	100.0	1008	17	US-10-024-780A-93		Sequence 93, Appl
5	26	100.0	1008	18	US-10-012-699B-309		Sequence 309, Appl
6	26	100.0	1008	21	US-10-025-068-101		Sequence 101, Appl
7	26	100.0	1998	22	US-10-027-240-8		Sequence 8, Appl

8	26	100.0	3706	19	US-10-0376-763A-6		Sequence 6, Appl	
9	26	100.0	3778	19	US-10-0376-763A-5		Sequence 5, Appl	
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13	26	100.0	10900	9	US-09-923-109-6		Sequence 6, Appl	
14	26	100.0	10900	15	US-10-016-204-6		Sequence 6, Appl	
15	26	100.0	10900	18	US-10-075-430-6		Sequence 6, Appl	
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c	67	17.2	66.2	351	13	US-10-027-632-78788		Sequence 120934, AP
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126	22	100.0	641	4	BG56985	NF098H11P	CD847592	DE0AB61ZB
127	22	100.0	642	2	AW81232	EST392322	CD847571	DE0AB61ZC
128	22	100.0	644	4	BG52893	NF086A07L	CF068582	QHL7G281.Y
129	22	100.0	646	2	AW83689	NF017P09I	CF092246	QHN12A06.
130	22	100.0	647	2	AW683665	NF017C09L	CF094268	QHN17F19.
131	22	100.0	650	4	BG449587	NF054E06I	CF093233	QHN16A04.
132	22	100.0	652	4	B1267151	NF101D12I	CF094304	QHN19H08.
133	22	100.0	653	2	BE316905	NF065C12L	CF095793	QHN21C08.
134	22	100.0	653	4	BG457004	NF069A12P	CF096973	QHN2L07.Y
135	22	100.0	653	4	B1267610	NF110C11I	CD846977	DE0AB53ZB
136	22	100.0	654	2	BF006090	EST434660	CD847488	DE0AB60ZB
137	22	100.0	657	2	BF38411	NF057H03P	CF092283	QHN18H21.
138	22	100.0	658	2	BE318393	NF037H12L	CF094304	QHN19H08.
139	22	100.0	658	2	BF006091	EST434661	CF095793	QHN21C08.
140	22	100.0	658	4	BF453555	NF097H01L	CF096973	QHN12C18.
141	22	100.0	659	4	BF519077	EST455537	CF097219	QHN3H17Y
142	22	100.0	660	4	BG458084	NF051H08P	CF085389	QHL4J08.Y
143	22	100.0	660	4	B1C64027	NF092F07P	CF084914	QHL4E24.Y
144	22	100.0	661	2	BF20334	EST457804	CF094254	QHN17F05.
145	22	100.0	662	4	BF39086	NF079B12P	CF095707	QHN20001.
146	22	100.0	662	4	BG457975	NF037C07P	CF093987	QHN16I01.
147	22	100.0	666	4	BG455701	NF065B11P	CD856584	DE0AG22E
148	22	100.0	666	4	BG457809	NF037G05P	CF084490	QHL4J08.Y
149	22	100.0	668	2	AW81175	EST392369	CD856812	DE0AG21ZH
150	22	100.0	668	4	BF005324	EST433822	CF078503	QHL23.ZY
151	22	100.0	670	4	BG458104	NF052D06P	CD858405	DE0AG16Z2A
152	22	100.0	671	2	BF39117	NF079B12P	CF091142	QHM17L12.
153	22	100.0	672	4	BG455723	NF081G04L	CF081730	QHL17L12.
c 154	22	100.0	673	6	CA919375	EST370793	CF085630	QHM11P05.
155	22	100.0	675	4	BG56993	NF099B08P	CF084914	QHM11P19.
156	22	100.0	676	2	BF21370	EST455799	CF084492	QHL4G13.Y
157	22	100.0	676	4	B123279	NF07D99P	CF094305	QHM11J01.
158	22	100.0	677	5	BQ156829	NF097P06I	CF085702	QHL17L12.Y
159	22	100.0	678	4	B1263960	NF107H07P	CF085831	QHL17F18.Y
160	22	100.0	679	2	BF006105	EST434675	CF096564	QHM23001.
161	22	100.0	682	2	BF383379	NF045F07P	CF084914	QHM17N01.Y
162	22	100.0	683	2	BFF19337	EST455799	CF084492	QHL4G13.Y
163	22	100.0	683	2	BG53119	NF050C2D2D	CF0809970	QHM11J01.
c 164	22	100.0	683	2	BF004902	EST433463	CF082584	QHL17L12.Y
165	22	100.0	683	4	B1264008	NF107C09P	CF084136	QHL12M05.
166	22	100.0	686	2	BF634857	NF075C11D	CF085964	QHM17N01.Y
167	22	100.0	687	4	BG45554	NF059C12P	CF084914	QHM17N01.Y
168	22	100.0	688	4	BG449570	NF054AA8I	CF079053	QHM5A05.Y
169	22	100.0	690	2	BF638751	NF064A10P	CF079582	QHM6P15.Y
170	22	100.0	691	2	BF634670	NF063C08D	CF080781	QHM110M16.

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OM nucleic - nucleic search, using sw model

Run on: July 5, 2005, 11:52:58 ; Search time 206.014 Seconds

(without alignments)

4064.839 Million cell updates/sec

Perfect score: 22

Sequence: 1 caaatgtcgtaaggtaatgc 22

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 34239544 seqs, 19032134700 residues

Total number of hits satisfying chosen parameters:

68479088

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 500 summaries

Database :	EST:*
1:	gb_est1:*
2:	gb_est2:*
3:	gb_htc:*
4:	gb_est3:*
5:	gb_est4:*
6:	gb_est5:*
7:	gb_est6:*
8:	gb_gbb1:*
9:	gb_gbb2:*

EST:*

Match

Length

DB ID

Description

1	22	100.0	94	6	CD860898	CD860798 TNE.003G1
2	22	100.0	155	6	CD850783	CD860752 TE.005O24
3	22	100.0	161	6	CD860752	CD860752 TE.005O24
4	22	100.0	176	6	CD860921	CD860921 TNE.003H2
5	22	100.0	176	6	CD860933	CD860933 TNE.003L1
6	22	100.0	177	6	CD860827	CD860827 TNE.003C2
7	22	100.0	191	6	CD861044	CD861044 TNE.003D1
8	22	100.0	211	6	BE248686	BF010B01D
9	22	100.0	214	6	CD860798	CD860798 TNE.003B0
10	22	100.0	255	6	CD860695	CD860695 TE.005K04
11	22	100.0	271	6	CD860700	CD860700 TE.005K10
12	22	100.0	273	4	BI269639	BI269639 NF011H11
13	22	100.0	282	6	CD859167	CD859167 CNI.003D1
14	22	100.0	283	6	CD859159	CD859159 CNI.003D0
15	22	100.0	283	6	CD860614	CD860614 TE.005C07
16	22	100.0	283	6	CD860979	CD860979 TNE.003L0
17	22	100.0	284	6	CD860971	CD860971 TNE.003K1
18	22	100.0	286	6	CD860651	CD860651 TE.005G02
19	22	100.0	288	2	BF635897	BF635897 NF044A03D
20	22	100.0	288	6	CD859291	CD859291 CNI.003G2
21	22	100.0	290	6	CD859157	CD859157 CNI.003D0
22	22	100.0	292	6	CD860811	CD860811 TNE.003E2
23	22	100.0	295	2	BE316154	BE316154 NF029F04L
24	22	100.0	296	6	CD859194	CD859194 CNI.003F1

Pre. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.

Score

Query

Match

Length

DB ID

Description

Result No.

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Result No.

Score

Query

Match

Length

DB ID

94	17.2	78.2	271	12	ADP57246	Soybean c	167	16.2	73.6	349980	5	AAH41223
95	17.2	78.2	272	12	ADP57248	Soybean c	168	16.2	73.6	349984	5	AAB41224
96	17.2	78.2	276	12	ADP57246	Soybean c	c 169	15.8	71.8	594	6	ABN89059 Human pro
97	17.2	78.2	281	12	ADP57245	Soybean c	c 170	15.8	71.8	632	6	ABN89010 Human pro
98	17.2	78.2	282	12	ADP57265	Soybean c	c 171	15.8	71.8	605	6	AAF09266 Fusarium
99	17.2	78.2	283	12	ADP57273	Soybean c	c 172	15.8	71.8	1188	12	ADL71005 Bacteriop
100	17.2	78.2	291	12	ADP57231	Soybean c	c 173	15.8	71.8	1188	12	ADO41836 Bacteriop
101	17.2	78.2	294	12	ADP57257	Soybean c	c 174	15.8	71.8	1406	2	AAX13510 Enteroococ
102	17.2	78.2	316	12	ADP57770	Soybean c	c 175	15.8	71.8	6	ABN99305 Enteroococ	
103	17.2	78.2	331	11	ADM45175	Insect re	c 176	15.8	71.8	1872	8	ACA23799 Prokaryot
104	17.2	78.2	354	12	ADP57744	Soybean c	c 177	15.8	71.8	2232	4	AAS32722 Haemophil
105	17.2	78.2	356	12	ADP57746	Soybean c	c 178	15.8	71.8	2232	8	ACA34884 Prokaryot
106	17.2	78.2	392	12	ADP57729	Soybean c	c 179	15.8	71.8	2450	13	ADS48666 Bacterial
107	17.2	78.2	426	13	ACN61094	Cotton gy	c 180	15.8	71.8	ADS61044 Bacterial		
108	17.2	78.2	579	11	ADM45168	Insect re	c 181	15.8	71.8	2874	4	ABL29055 Drosophil
109	17.2	78.2	581	10	ADD75089	N bentham	c 182	15.8	71.8	3011	4	ABL29998 Drosophil
110	17.2	78.2	608	10	ADT76944	DNA homol	c 183	15.8	71.8	3380	8	ABL25950 Drosophil
111	17.2	78.2	609	10	ADC76945	DNA homol	c 184	15.8	71.8	3609	4	ABL25952 Drosophil
112	17.2	78.2	614	10	ADC76956	DNA homol	c 185	15.8	71.8	8668	2	AAQ50433 Partial h
113	17.2	78.2	615	10	ADC76949	DNA homol	c 186	15.8	71.8	10942	4	ADP29504 Drosophil
114	17.2	78.2	619	11	ADM45158	Insect re	c 187	15.8	71.8	13131	6	AB192248 Chemical
115	17.2	78.2	632	10	ADC6953	DNA homol	c 188	15.8	71.8	13380	4	AAS59637 Propionib
116	17.2	78.2	668	10	ADK59825	Plant DNA	c 189	15.8	71.8	13466	8	Aax13166 Enteroococ
117	17.2	78.2	668	11	ADM45687	Insect re	c 190	15.8	71.8	17082	6	AB98961 Enteroococ
118	17.2	78.2	684	10	ADC76948	DNA homol	c 191	15.8	71.8	17082	6	ADP29501 Enteroococ
119	17.2	78.2	714	10	ADC76940	Plant DNA	c 192	15.8	71.8	23345	4	AAL54338 Arabidops
120	17.2	78.2	718	10	ADK58382	Plant DNA	c 193	15.8	71.8	91608	10	Adq59167 MsI - Hean t
121	17.2	78.2	725	11	ADM44821	Insect re	c 194	15.8	71.8	110000	2	AAT42063 03
122	17.2	78.2	736	10	ADK54321	Plant DNA	c 195	15.8	71.8	120670	12	ADQ5167
123	17.2	78.2	736	10	ADK57661	Plant DNA	c 196	15.6	70.9	253	12	ADQ51604 Soybean t
124	17.2	78.2	736	10	ADC76948	Plant DNA	c 197	15.6	70.9	293	12	ADP57680 Soybean c
125	17.2	78.2	741	11	ADM45420	Insect re	c 198	15.6	70.9	321	4	AABN5449 Staphyloc
126	17.2	78.2	806	11	ADM45686	Insect re	c 199	15.6	70.9	354	6	ABN91248 Staphyloc
127	17.2	78.2	841	11	ADM44879	Insect re	c 200	15.6	70.9	354	13	ADS01080 Staphyloc
128	17.2	78.2	847	11	ADM45421	Insect re	c 201	15.6	70.9	375	3	AAC45166 Arabidops
129	17.2	78.2	859	11	ADM45057	Insect re	c 202	15.6	70.9	453	6	Abl93465 Arabidops
130	17.2	78.2	924	10	ADC75566	DNA homol	c 203	15.6	70.9	471	6	AB19345 Arabidops
131	17.2	78.2	958	10	ADC76165	DNA homol	c 204	15.6	70.9	503	10	ADEB1601 Arabidops
132	17.2	78.2	1959	3	AAB07582	Marigold	c 205	15.6	70.9	546	3	AAC48432 Arabidops
133	17.2	78.2	203	11	ADM44879	Insect re	c 206	15.6	70.9	546	3	AAC48433 Arabidops
134	16.8	76.4	110000	6	ABN71527_07	Continuation (8 of	c 207	15.6	70.9	573	12	ADN71526 Thale cre
135	16.4	74.5	624	11	ABD16287	Pseudomon	c 208	15.6	70.9	573	4	ABA61750 Human gen
136	16.4	74.5	1536	11	ABD16136	Pseudomon	c 209	15.6	70.9	573	4	Aai41668 Probe #10
137	16.4	74.5	1557	4	AAB15681	Human cDN	c 210	15.6	70.9	573	4	AAB29773 Probe #78
138	16.4	74.5	1557	4	ABD16411	Pseudomon	c 211	15.6	70.9	573	4	AAC35954 Human bon
139	16.4	74.5	1560	4	AAK66170	Human imm	c 212	15.6	70.9	573	4	Aak10060 Human bra
140	16.2	73.6	231	12	ADP57559	Soybean c	c 213	15.6	70.9	573	4	ABQ5658 Plant DNA
141	16.2	73.6	238	12	ADP57556	Soybean c	c 214	15.6	70.9	573	6	AB10158 Human gen
142	16.2	73.6	257	12	ADP57346	Drosophil	c 215	15.6	70.9	578	10	ABX55841 Human pro
143	16.2	73.6	364	2	AQ080914	Spruce tr	c 216	15.6	70.9	599	3	AAC47674 Arabidops
144	16.2	73.6	622	10	ADD17683	DNA (seq)	c 217	15.6	70.9	600	3	AAC43337 Insect re
145	16.2	73.6	622	10	ADRS6253	Plant DNA	c 218	15.6	70.9	600	8	ADM45122 Insect re
146	16.2	73.6	622	10	ADK57268	Plant DNA	c 219	15.6	70.9	618	3	ADM45116 Insect re
147	16.2	73.6	744	4	ABD21753	Drosophil	c 220	15.6	70.9	618	5	ABQ60898 Human pro
148	16.2	73.6	1045	3	AAB14588	Aspergilli	c 221	15.6	70.9	618	6	ABQ56841 Arabidops
149	16.2	73.6	2877	4	ABU05176	Rice DNA	c 222	15.6	70.9	639	11	ADM45122 Insect re
150	16.2	73.6	2990	4	ACCO0813	Gene sequ	c 223	15.6	70.9	639	11	ADM45553 Insect re
151	16.2	73.6	3189	8	ACRA45362	Disease t	c 224	15.6	70.9	681	6	ABQ65767 Arabidops
152	16.2	73.6	3242	4	ABU27146	Drosophil	c 225	15.6	70.9	724	6	ABK30610 Plant dwa
153	16.2	73.6	2714	4	ABD21182	Drosophil	c 226	15.6	70.9	724	6	ABL49453 Sequence
154	16.2	73.6	5834	4	ABU18746	Drosophil	c 227	15.6	70.9	726	6	ABK30788 Plant dwa
155	16.2	73.6	11477	4	ABU17946	Drosophil	c 228	15.6	70.9	727	11	ADM44972 Insect re
156	16.2	73.6	12600	4	ABU17948	Drosophil	c 229	15.6	70.9	741	11	ADM45551 Insect re
157	16.2	73.6	12600	4	ABU17952	Drosophil	c 230	15.6	70.9	745	11	ADM45553 Insect re
158	16.2	73.6	12600	4	ABU27368	Drosophil	c 231	15.6	70.9	765	11	ABD11899 Pseudomon
159	16.2	73.6	12600	4	ABD21364	Drosophil	c 232	15.6	70.9	765	6	ABD11899 Pseudomon
160	16.2	73.6	12600	4	ABU18746	Drosophil	c 233	15.6	70.9	771	5	AAH67600 C glutam.
161	16.2	73.6	12600	4	ABU17946	Drosophil	c 234	15.6	70.9	771	5	ABN99150 Arabidops
162	16.2	73.6	12600	4	ABU17948	Drosophil	c 235	15.6	70.9	780	6	ABN99112 Arabidops
163	16.2	73.6	12600	4	ABU17952	Drosophil	c 236	15.6	70.9	784	6	ABN98177 Arabidops
164	16.2	73.6	12600	4	ABU27368	Drosophil	c 237	15.6	70.9	934	8	ABO83212 Coffee rb
165	16.2	73.6	12600	4	ABU12416	Drosophil	c 238	15.6	70.9	934	8	ABD64182 Disease t
166	16.2	73.6	12600	4	ABU12416	Drosophil	c 239	15.6	70.9	934	8	ABD11950 Pseudomon
167	16.2	73.6	12600	4	ABU12416	Drosophil	c 240	15.6	70.9	934	8	ABD11951 Pseudomon
168	16.2	73.6	12600	4	ABU12416	Drosophil	c 241	15.6	70.9	934	8	ABD11952 Pseudomon
169	16.2	73.6	12600	4	ABU12416	Drosophil	c 242	15.6	70.9	934	8	ABD11953 Pseudomon
170	16.2	73.6	12600	4	ABU12416	Drosophil	c 243	15.6	70.9	934	8	ABD11954 Pseudomon
171	16.2	73.6	12600	4	ABU12416	Drosophil	c 244	15.6	70.9	934	8	ABD11955 Pseudomon
172	16.2	73.6	12600	4	ABU12416	Drosophil	c 245	15.6	70.9	934	8	ABD11956 Pseudomon
173	16.2	73.6	12600	4	ABU12416	Drosophil	c 246	15.6	70.9	934	8	ABD11957 Pseudomon
174	16.2	73.6	12600	4	ABU12416	Drosophil	c 247	15.6	70.9	934	8	ABD11958 Pseudomon
175	16.2	73.6	12600	4	ABU12416	Drosophil	c 248	15.6	70.9	934	8	ABD11959 Pseudomon
176	16.2	73.6	12600	4	ABU12416	Drosophil	c 249	15.6	70.9	934	8	ABD11960 Pseudomon
177	16.2	73.6	12600	4	ABU12416	Drosophil	c 250	15.6	70.9	934	8	ABD11961 Pseudomon

GenCore version 5.1.6
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OM nucleic - nucleic search, using SW model.

Run on: July 5, 2005, 11:52:58 ; Search time 31.4374 Seconds
 (without alignments)
 4142.654 Million cell updates/sec

Title: US-09-912-968A-7
 Perfect score: 22
 Sequence: 1 caaegtctgtcaaggtaatgc 22

Scoring table: IDENTITY_NUC
 GapOp 10_0 , Gapext 1.0

Searched: 4390206 seqs, 2959870667 residues

Total number of hits satisfying chosen parameters:
 Minimum DB seq length: 0
 Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing first 500 summaries

Database : N_Geneseq_16Dec04 : *
 1: geneseqn1980bs: *
 2: geneseqn1990bs: *
 3: geneseqn2000bs: *
 4: geneseqn2001bs: *
 5: geneseqn2001bs: *
 6: geneseqn2002bs: *
 7: geneseqn2002bs: *
 8: geneseqn2003bs: *
 9: geneseqn2003bs: *
 10: geneseqn2003cs: *
 11: geneseqn2003ds: *
 12: geneseqn2004ab: *
 13: geneseqn2004bs: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	22	100.0	22	6 ABN54493	Abr84493 Arabidops
2	22	100.0	197	3 AAZ288564	Aaz288564 PLRV cDNA
3	22	100.0	632	6 ABN53922	Abr83922 E9 3' term
4	22	100.0	761	12 AD003550	Ago03550 Thalecrus
5	22	100.0	824	12 AD003552	Ago03552 Thalecrus
6	22	100.0	835	12 AD003546	Ago03546 Thalecrus
7	22	100.0	1008	10 AD0037162	Ade37162 Plant Yie
8	22	100.0	1008	12 ADI41630	Adi41630 Plant tra
9	22	100.0	1008	12 AD001896	Ado01896 Thalecrus
10	22	100.0	1147	4 AAD06461	Aad06461 Arabidops
11	22	100.0	1998	8 ABV76269	Abv76269 Expressio
12	22	100.0	2208	2 AAQ59180	Aaq59180 Truncated
13	22	100.0	3706	13 ADR49368	Adr49368 H7-1 tran
14	22	100.0	3778	13 ADR49367	Adr49367 Vector pV
c	15	22	100.0	9 ACC85050	Acc85050 Inducible
c	16	22	100.0	6129	Ade97423 DNA deriv
c	17	22	100.0	8012	AAX7305 Sugar bee
c	18	22	100.0	8418	AAX7309 Sugar bee
c	19	22	100.0	8798	AAX7308 Sugar bee
c	20	22	100.0	10846	ABSS54336 E. coli f

21	22	100.0	10847	2 AAX08923	Vector co	
	22	100.0	10924	2 AAX08924	Vector co	
	22	100.0	10909	6 ABS54337	E. coli f	
	24	100.0	11522	6 ABK8709	Oestrogen	
	25	100.0	11606	12 ADD13598	Plasmid p	
	26	100.0	12304	8 ABV75876	Luciferas	
c	27	22	100.0	12497	8 ABV75875	Luciferas
	28	21	95.5	12614	4 AAC65931	Plant sig
	29	21	95.5	937	4 AAD06469	Arabidops
	30	21	95.5	937	10 ADD57339	Thalecrus
	31	21	95.5	937	12 ADD01840	Thalecrus
	32	21	95.5	961	12 ADM03542	Insect re
	33	19.4	88.2	355	11 ADM44654	Insect re
	34	19.4	88.2	618	10 ADC75104	Poppy phy
	35	19.4	88.2	618	10 ADC75565	DNA homol
	36	19.4	88.2	618	10 ADC75565	DNA homol
	37	19.4	88.2	626	11 ADM45193	Insect re
	38	19.4	88.2	649	10 ADM54466	Plant DNA
	39	19.4	88.2	649	10 ADM57647	Plant DNA
	40	19.4	88.2	649	11 ADM45453	Insect re
	41	19.4	88.2	677	11 ADM45205	Insect re
	42	19.4	88.2	762	10 ADE54329	Plant DNA
	43	19.4	88.2	764	11 ADM56736	Plant DNA
	44	19.4	88.2	1878	10 ADM57663	Plant DNA
	45	19.4	88.2	3580	11 ADM44839	Insect re
c	46	19	86.4	854	12 ADO03548	Thalecrus
c	47	18.8	85.5	276	12 ADP57220	Soybean C
c	48	18.8	85.5	654	10 ADE57659	Plant DNA
c	49	18.8	85.5	655	11 ADM45154	Insect re
c	50	18.8	85.5	683	10 ADM54330	Plant DNA
c	51	18.8	85.5	737	10 ADM57662	Plant DNA
c	52	18.8	85.5	737	10 ADM58383	Plant DNA
c	53	18.8	85.5	738	10 ADE54333	Plant DNA
c	54	18.8	85.5	753	10 ADM58381	Plant DNA
c	55	18.8	85.5	754	10 ADM57645	Plant DNA
c	56	18.8	85.5	789	11 ADM44820	Insect re
c	57	18.8	85.5	811	11 ADM45377	Insect re
c	58	18.8	85.5	834	11 ADM44819	Insect re
c	59	17.8	80.9	204	6 ABN77145	Human iso
c	60	17.8	80.9	594	11 ADM45192	Insect re
c	61	17.8	80.9	594	11 ADM44653	Insect re
c	62	17.8	80.9	629	10 ADM52842	Plant DNA
c	63	17.8	80.9	629	11 ADM44652	Insect re
c	64	17.8	80.9	1254	12 ADM36216	Murine SS
c	65	17.8	80.9	2674	13 ADM49482	Mouse end
c	66	17.8	80.9	16811	10 ADD48725	Human gen
c	67	17.8	80.9	16811	10 ADD47385	Human gen
c	68	17.2	78.2	162	12 ADP57644	Soybean C
c	69	17.2	78.2	165	12 ADP57620	Soybean C
c	70	17.2	78.2	230	12 ADP57480	Soybean C
c	71	17.2	78.2	240	12 ADP57539	Soybean C
c	72	17.2	78.2	241	12 ADP57473	Soybean C
c	73	17.2	78.2	247	12 ADP57380	Soybean C
c	74	17.2	78.2	247	12 ADP57359	Soybean C
c	75	17.2	78.2	249	12 ADP57324	Soybean C
c	76	17.2	78.2	249	12 ADP57353	Soybean C
c	77	17.2	78.2	250	12 ADP57357	Soybean C
c	78	17.2	78.2	251	12 ADP57349	Soybean C
c	79	17.2	78.2	251	12 ADP57586	Soybean C
c	80	17.2	78.2	253	12 ADP57347	Soybean C
c	81	17.2	78.2	253	12 ADP57477	Soybean C
c	82	17.2	78.2	253	12 ADP57322	Soybean C
c	83	17.2	78.2	258	12 ADP57310	Soybean C
c	84	17.2	78.2	258	12 ADP57314	Soybean C
c	85	17.2	78.2	259	12 ADP57276	Soybean C
c	86	17.2	78.2	259	12 ADP57373	Soybean C
c	87	17.2	78.2	261	12 ADP57587	Soybean C
c	88	17.2	78.2	266	12 ADP57445	Soybean C
c	89	17.2	78.2	266	12 ADP57264	Soybean C
c	90	17.2	78.2	267	12 ADP57301	Soybean C
c	91	17.2	78.2	267	12 ADP57307	Soybean C
c	92	17.2	78.2	269	12 ADP57568	Soybean C
c	93	17.2	78.2	269	12 ADP57312	Soybean C

Result No.	Score	Query Match	Length	DB ID	Description
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1	22	100.0	22	6 AX555235	AX555235 Sequence 4
2	22	100.0	619	6 AX463287	I.19656 Sequence 4
3	22	100.0	632	6 PEARUBPA	J01257 Pea (<i>P. sativum</i>)
4	22	100.0	645	8 PEARCOSS	AX463287 Sequence
5	22	100.0	669	8 PEARPC	J01255 Pisum sativum
6	22	100.0	674	8 PEARUBP2	M25613 Pisum sativum
7	22	100.0	761	8 AY231453	AY231453 Arabidopsis
8	22	100.0	824	8 AY231454	AY231454 Arabidopsis
9	22	100.0	835	8 AY231451	AZ731451 Arabidopsis
10	22	100.0	1380	8 PSRBGS3C	X04334 Pea rbcS-3C
11	22	100.0	1381	8 PSRBGS3A	X04333 Pea rbcS-3A
12	22	100.0	2061	8 AR014744	AR014744 Sequence
13	22	100.0	2124	6 AR022680	AR022680 Sequence
14	22	100.0	2124	6 PSRC01	X00806 Pea gene fo
15	22	100.0	2351	8 CQB675567	CQB675567 Sequence
16	22	100.0	3706	6 CQB67566	CQB67566 Sequence
17	22	100.0	3778	6 AR143709	AR143709 Sequence
18	22	100.0	8012	6 BD008400	Glyphosat
19	22	100.0	8012	6 BD008400	Capsicum
20	22	100.0	8418	6 AR143713	GenCore version 5.1.6
21	22	100.0	8418	6 BD008404	Copyright (c) 1993 - 2005 Compugen Ltd.
22	22	100.0	8798	6 AR143712	OM nucleic - nucleic search, using sw model
23	22	100.0	8798	6 BD008403	glyphosate
24	22	100.0	1021	12 AB086434	AB086434 Synthetic
25	22	100.0	10846	6 AR225313	Sequence
26	22	100.0	10846	6 AR438378	AR438378 Sequence
27	22	100.0	10846	6 AR491631	AR491631 Sequence
28	22	100.0	10847	6 BD062173	BD062173 Expression
29	22	100.0	10856	12 AB086433	AB086433 Synthetic
30	22	100.0	10900	6 AR225314	Sequence
31	22	100.0	10900	6 AR438379	AR438379 Sequence
32	22	100.0	10900	6 AR491632	AR491632 Sequence
33	22	100.0	10900	6 BD062174	BD062174 Expression
34	22	100.0	11522	12 AF09825	AF09825 Plant exp
35	22	100.0	12072	12 AF294981	AF294981 Binary ve
36	22	100.0	12654	6 AX025359	Sequence
37	22	100.0	12992	12 AF294982	AF294982 Binary ve
38	22	100.0	14103	12 AF330636	AF330636 Plant DNA
39	22	100.0	14203	12 AF294979	AF294979 Binary ve
40	22	100.0	14220	12 AF294980	AF294980 Binary ve
41	21	95.5	753	8 FPU29936	U29936 Flaveria pr
42	21	95.5	844	8 AY231449	AY231449 Arabidops
43	21	95.5	961	8 AY231448	AY231448 Arabidops
44	20.4	92.7	390	8 TRRUBISCO	X53954 T. repens mR
45	20.4	92.7	532	8 AF044401	AF044401 Flaveria
46	20.4	92.7	534	8 AF044400	AF044400 Flaveria
47	20.4	92.7	608	8 AF044398	AF044398 Flaveria
48	20.4	92.7	629	8 AF044399	AF044399 Flaveria
49	20.4	92.7	735	8 AY267350	AY267350 Flaveria
50	20.4	92.7	743	8 FPU29933	U29933 Flaveria pr
51	20.4	92.7	763	8 M39643	M. sativa Rib
52	20.4	92.7	3180	8 X52293	X52293 White clove
53	20.4	92.7	3974	8 TRBPCX	X053079 Sunflower m
54	19.4	88.2	674	8 HAROBISC	Y00431 Sunflower r
55	19.4	88.2	1400	8 HARESIC	AY163904 Chrysanth
56	19.4	88.2	2662	8 AY231452	AY231452 Arabidops
57	19	86.4	854	8 PETRCBS	M2642 Petunia rib
58	18.8	85.5	212	8 PETRCBC	M29643 Petunia rib
59	18.8	85.5	251	8 PETRCBC	AY396697 Nicotiana
60	18.8	85.5	411	8 G73713	G73713 RG131R etiol
61	18.8	85.5	490	11 J01613	J01613 Potato (S.t)
62	18.8	85.5	546	8 PETRCBS	AY231456 Flaveria
63	18.8	85.5	574	8 PYREICS	X539999 P.vulgaris
64	18.8	85.5	591	8 SLARBCS	L26605 Stellaria l
65	18.8	85.5	723	8 FP029938	U29938 Flaveria pr
66	18.8	85.5	724	8 FTREICR	X05037 Flaveria tr
67	18.8	85.5	752	8 TOMRCBSD	M15235 Tomato RuBP
68	18.8	85.5	778	8 AY267351	AY267351 Flaveria
69	18.8	85.5	787	8 PYREICS	X60000 P.vulgaris
70	18.8	85.5	849	8 AY231456	AY231456 Arabidops
71	18.8	85.5	852	8 M1542	M1542 Tomato (L.s)
72	18.8	85.5	1032	8 X57022	P. vulgaris
73	18.8	85.5	1071	8 PVSS15BCO	U39858 Glycine tab
74	18.8	85.5	1084	8 GTU39858	X03821 Petunia x h
75	18.8	85.5	1314	8 TOBRUBP	M32420 Tobacco rib
76	18.8	85.5	1337	8 STRBCS2C	X69762 S. tuberosum
77	18.8	85.5	1386	8 LERCS1	LERC5
78	18.8	85.5	1454	8 GHRICS	X69763 S. tuberosum
79	18.8	85.5	1594	8 STRBCS3	X69760 S. tuberosum
80	18.8	85.5	1598	8 STRBCS2	X69761 S. tuberosum
81	18.8	85.5	1629	8 STRBCS2B	X03820 Petunia x h
82	18.8	85.5	1703	8 PERICOS8	AY311198 Sequence
83	18.8	85.5	2242	8 M2641	M2641 Petunia rib
84	17.8	80.9	204	6 AF024572	AF024572 Fritillar
85	17.8	80.9	318	8 AF031544	AF031544 Fritillar
86	17.8	80.9	713	8 AF031543	AF031543 Fritillar
87	17.8	80.9	728	8 AF031544	D14001 Lettuce mRN
88	17.8	80.9	732	8 AF031543	AF031543 Fritillar
89	17.8	80.9	758	8 LAURBCS	Q8675567 Sequence
90	17.8	80.9	784	8 AF024573	AF024573 Fritillar
91	17.8	80.9	798	8 AF024574	AF024574 Fritillar
92	17.8	80.9	801	8 AF055615	AF055615 Capsicum

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	22	100.0	22	6 AX555235	AX555235 Sequence 4
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7	22	100.0	761	8 AY231453	AY231453 Arabidops
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9	22	100.0	835	8 AY231451	AZ731451 Arabidopsis
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11	22	100.0	1381	8 PSRBGS3A	X04333 Pea rbcS-3A
12	22	100.0	2061	8 AR014744	AR014744 Sequence
13	22	100.0	2124	6 AR022680	AR022680 Sequence
14	22	100.0	2124	6 PSRC01	X00806 Pea gene fo
15	22	100.0	2351	8 CQB675567	CQB675567 Sequence
16	22	100.0	3706	6 CQB67566	CQB67566 Sequence
17	22	100.0	3778	6 AR143709	AR143709 Sequence
18	22	100.0	8012	6 BD008400	Glyphosat

81	55	8.6	267	11	US-09-987-899-370	Sequence 370, APP	154	51.6	8.1	US-10-311-455-1122	
82	55	8.6	267	11	US-09-987-899-839	Sequence 63, APP	155	51.6	8.1	US-10-311-455-1163	
83	55	8.6	316	11	US-09-987-899-839	Sequence 839, APP	155	51.6	8.1	US-10-311-455-1163	
c	84	55	8.6	356	11	US-09-987-899-815	Sequence 815, APP	157	51.6	8.1	US-10-221-714A-222
c	85	55	8.6	420	18	US-10-424-599-2939	Sequence 2939, A	158	51.6	8.1	US-10-221-714A-227
c	86	55	8.6	812	20	US-10-425-115-10640	Sequence 10640, A	159	51.6	8.1	US-10-723-860-6169
c	87	55	8.6	912	18	US-10-424-599-41058	Sequence 41058, A	160	51.4	8.1	US-10-473-126-122
c	88	55	8.6	1013	18	US-10-424-599-41033	Sequence 41033, A	161	51.4	8.1	US-10-473-126-216
c	89	55	8.6	1237	20	US-10-319-930-3875	Sequence 3875, APP	162	51.4	8.1	US-10-486-319A-47
c	90	55	8.6	1323	18	US-10-424-599-41037	Sequence 41037, A	163	51.4	8.1	US-10-486-319A-69
c	91	55	8.6	6283	15	US-10-311-455-61	Sequence 61, APP	164	51.4	8.1	US-10-221-714A-443
c	92	54.8	8.6	400	18	US-10-424-599-100577	Sequence 100577,	165	51.4	8.1	US-10-311-455-1247
c	93	54.8	8.6	12007	15	US-10-311-455-690	Sequence 690, APP	166	51.4	8.1	US-10-240-485-162
c	94	54.6	8.6	6255	15	US-10-311-455-933	Sequence 933, APP	c 167	51.2	8.0	Sequence 15875, A
c	95	54.6	8.6	14198	15	US-10-311-455-1005	Sequence 1005, APP	c 168	51.2	8.0	Sequence 173, APP
c	96	54.6	8.6	113515	15	US-10-311-455-2247	Sequence 2147, APP	c 169	51.2	8.0	Sequence 403, APP
c	97	54.6	8.6	724	18	US-10-425-114-8224	Sequence 8224, APP	c 170	51.2	8.0	Sequence 409, APP
c	98	54.2	8.5	725	18	US-10-425-114-11632	Sequence 11632, A	c 171	51.2	8.0	Sequence 1247, APP
c	99	54.2	8.5	733	18	US-10-425-114-6310	Sequence 6310, APP	c 172	51	8.0	Sequence 391, APP
c	100	54.2	8.5	738	18	US-10-425-114-7825	Sequence 7825, APP	c 173	51	8.0	Sequence 1492, APP
c	101	54.2	8.5	746	18	US-10-425-114-78283	Sequence 7823, APP	c 174	51	8.0	Sequence 2136, APP
c	102	54.2	8.5	757	18	US-10-425-114-7407	Sequence 7407, APP	c 175	51	8.0	Sequence 1069, APP
c	103	54.2	8.5	807	18	US-10-424-599-41048	Sequence 41048, A	c 176	51	8.0	Sequence 298, APP
c	104	54.2	8.5	7455	15	US-10-311-455-1731	Sequence 1731, APP	c 177	51	8.0	Sequence 1241, APP
c	105	54.2	8.5	9707	15	US-10-311-455-1394	Sequence 1394, APP	c 178	51	8.0	Sequence 63, APP
c	106	54	8.5	15861	18	US-10-424-599-20401	Sequence 70401, A	c 179	51	8.0	Sequence 13, APP
c	107	54	8.5	15861	15	US-10-311-455-497	Sequence 497, APP	c 180	51	8.0	Sequence 170, APP
c	108	53.8	8.4	1130	20	US-10-425-115-112399	Sequence 132399, APP	c 181	51	8.0	Sequence 548, APP
c	109	53.8	8.4	8222	21	US-10-486-319A-65	Sequence 65, APP	c 182	51	8.0	Sequence 42, APP
c	110	53.6	8.4	8222	21	US-10-486-319A-43	Sequence 43, APP	c 183	51	8.0	Sequence 8, APP
c	111	53.4	8.4	250	11	US-09-987-899-426	Sequence 426, APP	c 184	50.8	8.0	Sequence 80, APP
c	112	53.4	8.4	269	11	US-09-987-899-381	Sequence 381, APP	c 185	50.8	8.0	Sequence 20, APP
c	113	53.4	8.4	6121	15	US-10-311-455-197	Sequence 1947, APP	c 186	50.8	8.0	Sequence 240, APP
c	114	53.4	8.4	7231	16	US-10-424-452-24	Sequence 124, APP	c 187	50.8	8.0	Sequence 659, APP
c	115	53.2	8.4	6115	15	US-10-311-455-1774	Sequence 1774, APP	c 188	50.8	8.0	Sequence 336, APP
c	116	53.2	8.4	6294	15	US-10-311-455-1077	Sequence 1027, APP	c 189	50.8	8.0	Sequence 30, APP
c	117	52.8	8.3	4753	19	US-10-433-793-147	Sequence 147, APP	c 190	50.6	7.9	Sequence 574, APP
c	118	52.8	8.3	7346	19	US-10-311-455-318	Sequence 318, APP	c 191	50.6	7.9	Sequence 611, APP
c	119	52.8	8.3	73334	15	US-10-311-455-207	Sequence 2097, APP	c 192	50.6	7.9	Sequence 170, APP
c	120	52.8	8.3	73334	18	US-10-240-589C-127	Sequence 127, APP	c 193	50.6	7.9	Sequence 372, APP
c	121	52.6	8.3	258	15	US-09-987-899-379	Sequence 379, APP	c 194	50.6	7.9	Sequence 193, APP
c	122	52.4	8.2	921	20	US-10-325-115-38710	Sequence 38710, A	c 195	50.6	7.9	Sequence 677, APP
c	123	52.4	8.2	937	15	US-10-278-536-97	Sequence 1676, APP	c 196	50.6	7.9	Sequence 344, APP
c	124	52.4	8.2	937	18	US-10-412-639B-253	Sequence 90, APP	c 197	50.6	7.9	Sequence 55, APP
c	125	52.4	8.2	12177	15	US-10-311-455-624	Sequence 624, APP	c 198	50.6	7.9	Sequence 54, APP
c	126	52.4	8.2	73134	18	US-10-311-455-163	Sequence 163, APP	c 199	50.6	7.9	Sequence 1, APP
c	127	52.4	8.2	17137	15	US-10-311-455-163	Sequence 127, APP	c 200	50.6	7.9	Sequence 1173, APP
c	128	52.4	8.2	17527	15	US-10-311-455-1406	Sequence 1406, APP	c 201	50.6	7.9	Sequence 1437, APP
c	129	52.4	8.2	18624	18	US-10-420-454-28	Sequence 28, APP	c 202	50.6	7.9	Sequence 1560, APP
c	130	52.4	8.2	34688	19	US-10-433-793-90	Sequence 106, APP	c 203	50.6	7.9	Sequence 918, APP
c	131	52.4	8.2	37973	15	US-10-311-455-2169	Sequence 2169, APP	c 204	50.6	7.9	Sequence 880, APP
c	132	52.2	8.2	87	17	US-10-311-455-7	Sequence 8, APP	c 205	50.6	7.9	Sequence 862, APP
c	133	52.2	8.2	18011	15	US-10-311-455-822	Sequence 822, APP	c 206	50.6	7.9	Sequence 11093, APP
c	134	52.2	8.2	18434	15	US-10-311-455-1979	Sequence 1979, APP	c 207	50.6	7.9	Sequence 1179, APP
c	135	52.2	8.2	37515	19	US-10-311-455-793-28	Sequence 90, APP	c 208	50.6	7.9	Sequence 1189, APP
c	136	52.2	8.2	5649	18	US-10-311-455-1676	Sequence 1676, APP	c 209	50.6	7.9	Sequence 1437, APP
c	137	52.2	8.2	13584	17	US-10-311-455-588	Sequence 588, APP	c 210	50.6	7.9	Sequence 1560, APP
c	138	52.2	8.2	13449	15	US-10-311-455-1357	Sequence 1357, APP	c 211	50.6	7.9	Sequence 11437, APP
c	139	52.2	8.2	14551	15	US-10-311-455-138	Sequence 138, APP	c 212	50.6	7.9	Sequence 1560, APP
c	140	52.2	8.2	21537	15	US-10-311-455-1971.	Sequence 1971, APP	c 213	50.4	7.9	Sequence 11147, APP
c	141	52	8.2	138	17	US-10-025-562-7	Sequence 7, APP	c 214	50.4	7.9	Sequence 11147, APP
c	142	52	8.2	13584	15	US-10-311-455-588	Sequence 1588, APP	c 215	50.4	7.9	Sequence 719, APP
c	143	52	8.2	9084	15	US-10-311-455-1578	Sequence 1578, APP	c 216	50.4	7.9	Sequence 1543, APP
c	144	52	8.2	13449	15	US-10-311-455-1357	Sequence 1357, APP	c 217	50.2	7.9	Sequence 11093, APP
c	145	52	8.2	14551	15	US-10-240-485-138	Sequence 138, APP	c 218	50.2	7.9	Sequence 749, APP
c	146	51.8	8.2	21537	15	US-10-311-455-1971.	Sequence 1971, APP	c 219	50.2	7.9	Sequence 11147, APP
c	147	51.8	8.1	392	11	US-09-987-899-798	Sequence 798, APP	c 220	50.2	7.9	Sequence 11147, APP
c	148	51.8	8.1	8056	20	US-10-433-126-388	Sequence 386, APP	c 221	50.2	7.9	Sequence 309, APP
c	149	51.8	8.1	8622	15	US-10-311-455-2116	Sequence 2116, APP	c 222	50.2	7.9	Sequence 240, APP
c	150	51.8	8.1	11394	15	US-10-420-453-96	Sequence 96, APP	c 223	50.2	7.9	Sequence 2148, APP
c	151	51.8	8.1	15732	14	US-10-319-676-95	Sequence 95, APP	c 224	50	7.8	Sequence 2149, APP
c	152	51.8	8.1	15732	15	US-10-240-453-107	Sequence 107, APP	c 225	50	7.8	Sequence 13, APP
c	153	51.6	8.1	390	20	US-10-425-115-124757	Sequence 124757, APP	c 226	50	7.8	Sequence 415, APP

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103	39.6	6.2	601	4	US-09-949-016-16940	Sequence 169040, A	c 176	38.2	6.0	601	4	US-09-949-016-16109	Sequence 161109,
c 104	39.6	6.2	601	4	US-09-949-016-19540	Sequence 195400,	c 177	38.2	6.0	30820	4	US-09-949-016-17145	Sequence 17145, A
c 105	39.6	6.2	711	4	US-09-621-17854	Sequence 17854, A	c 178	38.2	6.0	55886	4	US-09-949-016-15129	Sequence 15129,
c 106	39.6	6.2	830	3	US-08-688-609-1	Sequence 1, Appli	c 179	38.2	6.0	72504	4	US-09-949-016-14855	Sequence 14855, A
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c 108	39.6	6.2	126200	4	US-09-949-016-1824	Sequence 11824, A	c 181	38.2	6.0	194790	4	US-09-949-016-1593	Sequence 15393, A
c 109	39.6	6.2	126200	4	US-09-949-016-13193	Sequence 13193, A	c 182	38	6.0	568	4	US-09-270-767-13504	Sequence 13504, A
c 110	39.4	6.2	396	4	US-09-620-173-53	Sequence 53, Appli	c 183	38	6.0	601	4	US-09-949-016-17194	Sequence 179320,
c 111	39.4	6.2	396	4	US-09-713-550-53	Sequence 53, Appli	c 184	38	6.0	1055	4	US-09-806-708B-23	Sequence 23, Appli
c 112	39.4	6.2	396	4	US-09-B35-294-53	Sequence 53, Appli	c 185	38	6.0	44353	4	US-09-949-016-15102	Sequence 15302, A
c 113	39.4	6.2	396	4	US-09-970-966-53	Sequence 53, Appli	c 186	38	6.0	65788	4	US-09-949-001-37	Sequence 37, Appli
c 114	39.4	6.2	567	4	US-09-270-767-12188	Sequence 12188, A	c 187	38	6.0	94156	4	US-09-949-016-12398	Sequence 12398, A
c 115	39.4	6.2	6000	3	US-09-439-923-1	Sequence 1, Appli	c 188	38	6.0	94873	4	US-09-949-016-14277	Sequence 1, Appli
c 116	39.4	6.2	6200	4	US-09-711-202A-1	Sequence 1, Appli	c 189	38	6.0	601	4	US-09-949-016-14673	Sequence 1, Appli
c 117	39.4	6.2	6200	4	US-09-205A-1	Sequence 1, Appli	c 190	38	6.0	102406	4	US-09-949-016-17320	Sequence 1, Appli
c 118	39.4	6.2	96987	4	US-09-949-016-14429	Sequence 14429, A	c 191	38	6.0	636893	4	US-09-949-016-12386	Sequence 12386, A
c 119	39.4	6.2	129327	4	US-09-949-016-12257	Sequence 12257, A	c 192	38	6.0	263694	4	US-09-949-016-16915	Sequence 16915, A
c 120	39.4	6.2	129327	4	US-09-949-016-15368	Sequence 15368, A	c 193	38	6.0	263694	4	US-09-949-016-16915	Sequence 16915, A
c 121	39.4	6.2	187169	4	US-09-949-016-12776	Sequence 12776, A	c 194	38	6.0	263694	4	US-09-949-016-16915	Sequence 16915, A
c 122	39.4	6.2	191669	4	US-09-640-15940	Sequence 15940, A	c 195	38	6.0	640681	4	US-09-790-988-1	Sequence 1, Appli
c 123	39.4	6.2	6200	4	US-09-711-202A-1	Sequence 1, Appli	c 196	38	6.0	1664976	4	US-09-916-421B-1	Sequence 1, Appli
c 124	39.4	6.2	601	4	US-09-949-016-132807	Sequence 132807,	c 197	38	6.0	1664976	4	US-09-962-570-1	Sequence 1, Appli
c 125	39.4	6.2	601	4	US-09-949-016-17915	Sequence 179195, A	c 198	37.8	5.9	854	3	US-08-988-416-534	Sequence 534, App
c 126	39.4	6.2	1224	4	US-09-352-1479	Sequence 1479, Ap	c 199	37.8	5.9	1368	4	US-09-700-767-50466	Sequence 5066, App
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c 128	39.4	6.2	250312	4	US-09-949-016-15940	Sequence 15940, A	c 201	37.8	5.9	1523	4	US-08-956-171E-550	Sequence 550, App
c 129	39.4	6.2	451924	4	US-09-949-016-13286	Sequence 128986, A	c 202	37.8	5.9	1523	4	US-08-986A-986A	Sequence 550, App
c 130	39.4	6.2	451924	4	US-09-949-016-17915	Sequence 179195, A	c 203	37.8	5.9	2522	3	US-08-71-948-93	Sequence 93, App
c 131	39.4	6.2	2216	1	US-08-046-583-1205	Sequence 12, Appli	c 204	37.8	5.9	2522	3	US-09-265-315-93	Sequence 93, App
c 132	39.4	6.1	2216	1	US-08-384-556A-3	Sequence 3, Appli	c 205	37.8	5.9	2522	3	US-09-265-315-93	Sequence 93, App
c 133	39.4	6.1	2216	1	US-08-331-355A-24	Sequence 24, Appli	c 206	37.8	5.9	2522	3	US-09-266-417-93	Sequence 93, App
c 134	39.4	6.1	2216	5	PCT-US94-12364-24	Sequence 24, Appli	c 207	37.8	5.9	2522	4	US-09-527-745-93	Sequence 93, App
c 135	39.4	6.1	2216	5	PCT-US95-07753-3	Sequence 3, Appli	c 208	37.8	5.9	2563	4	US-09-949-016-12084	Sequence 12084, A
c 136	39.4	6.1	2298	3	US-09-15-077-7	Sequence 7, Appli	c 209	37.8	5.9	2563	4	US-09-949-016-13721	Sequence 13721, A
c 137	39.4	6.1	2327	3	US-09-15-077-1	Sequence 1, Appli	c 210	37.8	5.9	50381	4	US-09-949-016-17122	Sequence 17122, A
c 138	39.4	6.1	10640	4	US-09-417-485D-5	Sequence 5, Appli	c 211	37.8	5.9	111937	4	US-09-949-016-12762	Sequence 12762, A
c 139	39.4	6.1	19438	4	US-09-949-016-12659	Sequence 12659, A	c 212	37.8	5.9	111937	4	US-09-949-016-17175	Sequence 17175, A
c 140	39.4	6.1	29717	4	US-09-949-016-16234	Sequence 16284, A	c 213	37.8	5.9	111937	4	US-09-949-016-15830	Sequence 15830, A
c 141	39.4	6.1	60316	4	US-09-949-016-12423	Sequence 12423, A	c 214	37.8	5.9	192306	4	US-09-949-016-15830	Sequence 15830, A
c 142	39.4	6.1	451924	4	US-09-949-016-18386	Sequence 12896, A	c 215	37.8	5.9	285478	4	US-09-949-016-13362	Sequence 13362, A
c 143	39.4	6.1	451924	4	US-09-949-016-18386	Sequence 17305, A	c 216	37.6	5.9	601	4	US-09-949-016-62321	Sequence 66291, A
c 144	38.8	6.1	601	4	US-09-949-016-15523	Sequence 155939, A	c 217	37.6	5.9	601	4	US-09-949-016-73224	Sequence 73224, A
c 145	38.8	6.1	2024	4	US-09-949-016-12659	Sequence 168, App	c 218	37.6	5.9	601	4	US-09-949-016-205247	Sequence 205247, A
c 146	38.8	6.1	237241	4	US-09-949-016-16101	Sequence 16101, A	c 219	37.6	5.9	658	3	US-08-98-416-595	Sequence 595, App
c 147	38.6	6.1	601	4	US-09-949-016-54020	Sequence 54020, A	c 220	37.6	5.9	756	4	US-09-70-767-24422	Sequence 24422, A
c 148	38.6	6.1	601	4	US-09-949-016-54021	Sequence 54021, A	c 221	37.6	5.9	2216	4	US-09-949-016-783-5	Sequence 5, Appli
c 149	38.6	6.1	601	4	US-09-949-016-54024	Sequence 54024, A	c 222	37.6	5.9	2621	2	US-08-553-619B-8	Sequence 8, Appli
c 150	38.6	6.1	601	4	US-09-949-016-89238	Sequence 89238, A	c 223	37.6	5.9	6152	3	US-08-973-462-1	Sequence 1, Appli
c 151	38.6	6.1	601	4	US-09-949-016-108554	Sequence 108654, A	c 224	37.6	5.9	42448	4	US-09-949-016-11829	Sequence 11829, A
c 152	38.6	6.1	601	4	US-09-949-016-10855	Sequence 108655, A	c 225	37.6	5.9	42448	4	US-09-949-016-14485	Sequence 14485, A
c 153	38.6	6.1	104520	4	US-09-949-016-54021	Sequence 54020, A	c 226	37.6	5.9	42449	4	US-09-949-016-12765	Sequence 12765, A
c 154	38.6	6.1	126029	4	US-09-949-016-17311	Sequence 14731, A	c 227	37.6	5.9	42449	4	US-09-949-016-14491	Sequence 14491, A
c 155	38.6	6.1	50466	4	US-09-949-016-16055	Sequence 16065, A	c 228	37.6	5.9	79824	4	US-09-949-016-12766	Sequence 12766, A
c 156	38.6	6.1	5470	4	US-09-244-805-9	Sequence 14273, A	c 229	37.6	5.9	93370	4	US-09-949-016-12816	Sequence 12816, A
c 157	38.6	6.1	5852	1	US-07-867-106-2	Sequence 2, Appli	c 230	37.6	5.9	93370	4	US-09-949-016-17540	Sequence 17540, A
c 158	38.6	6.1	6775	4	US-09-949-016-13703	Sequence 13703, A	c 231	37.6	5.9	15293	4	US-09-949-016-14514	Sequence 14514, A
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c 160	38.6	6.1	14986	4	US-09-949-016-16716	Sequence 14731, A	c 233	37.6	5.9	156894	4	US-09-949-016-15554	Sequence 15554, A
c 161	38.6	6.1	154626	4	US-09-949-016-14000	Sequence 16065, A	c 234	37.6	5.9	159355	4	US-09-949-016-15555	Sequence 15555, A
c 162	38.6	6.1	174619	4	US-09-949-016-14000	Sequence 16065, A	c 241	37.6	5.9	202111	4	US-09-949-016-13877	Sequence 13877, A
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c 170	38.2	6.0	601	4	US-09-949-016-13138	Sequence 13138, A	c 244	37.4	5.9	601	4	US-09-949-016-67082	Sequence 67082, A
c 171	38.2	6.0	601	4	US-09-949-016-54022	Sequence 54022, A	c 245	37.4	5.9	601	4	US-09-949-016-163447	Sequence 163447, A
c 172	38.2	6.0	601	4	US-09-949-016-54023	Sequence 54023, A	c 246	37.4	5.9	601	4	US-09-806-708B-23	Sequence 23, Appli

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c	155	84.4	13.2	796	2	BQ165472	EST611341	BF519759	EST457223
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158	84.4	13.2	796						

94	55.4	8.7	934	11	ADM44819	Insect re	167	
	95	55.4	8.7	6131	6	ABJ32891	Human imm	168
	96	55.2	8.7	267	12	ADP57264	Soybean c	169
	97	55.2	8.7	5182	6	ABJ32957	Human imm	170
	98	55.2	8.7	6220	6	ABJ33300	Human imm	171
	99	55.2	8.7	19659	6	ABJ32766	Human imm	172
	100	55.5	8.6	162	12	ADP57644	Soybean c	173
	101	55.5	8.6	230	12	ADP57480	Soybean c	174
	102	55.5	8.6	240	12	ADP57539	Soybean c	175
	103	55.5	8.6	241	12	ADP57473	Soybean c	176
	104	55.5	8.6	247	12	ADP57380	Soybean c	177
	105	55.5	8.6	267	12	ADP57359	Soybean c	178
	106	55.5	8.6	249	12	ADP57324	Soybean c	179
	107	55.5	8.6	251	12	ADP57349	Soybean c	180
	108	55.5	8.6	253	12	ADP57347	Soybean c	181
	109	55.5	8.6	261	12	ADP57587	Soybean c	182
	110	55.5	8.6	266	12	ADP57445	Soybean c	183
	111	55.5	8.6	267	12	ADP57301	Soybean c	184
	112	55.5	8.6	267	12	ADP57568	Soybean c	185
	113	55.5	8.6	316	12	ADP57770	Soybean c	186
	114	55.5	8.6	356	12	ADP57746	Soybean c	187
	115	55.5	8.6	6283	6	ABJ32088	Human imm	188
	116	54.8	8.6	12007	6	ABJ32717	Human imm	189
	117	54.8	8.6	6255	6	ABJ32960	Human imm	190
	118	54.6	8.6	14798	6	ADP573032	Human imm	191
	119	54.6	8.6	113515	6	ABJ34174	Human imm	192
	120	54.4	8.5	10467	6	ABJ49302	Human pol	193
	121	54.2	8.5	7455	6	ABJ33758	Human imm	194
	122	54.2	8.5	9707	6	ABJ33421	Human imm	195
	123	54	8.4	15861	6	ABJ32524	Human imm	196
	124	53.8	8.4	8222	8	ACF62816	Colon can	197
	125	53.8	8.4	11222	10	ADB54318	Pretreat	198
	126	53.6	8.4	8222	8	ACF62794	Colon can	199
	127	53.6	8.4	11222	10	ADB54190	Pretreat	200
	128	53.4	8.4	250	12	ADP57357	Soybean c	201
	129	53.4	8.4	269	12	ADP57312	Soybean c	202
	130	53.4	8.4	6121	6	ABJ33974	Human imm	203
	131	53.4	8.4	7231	6	ABJ34324	Chemical	204
	132	53.2	8.4	6115	6	ABJ33801	Human imm	205
	133	53.2	8.4	6294	6	ABJ33054	Human imm	206
	134	52.8	8.3	4753	6	ABQ67117	Human ang	207
	135	52.8	8.3	7346	6	ABJ32345	Human imm	208
	136	52.8	8.3	73334	6	ABJ34124	Human imm	209
	137	52.8	8.3	73334	6	ABJ92318	Chemical	210
	138	52.6	8.3	258	12	ADP57310	Soybean c	211
	139	52.4	8.2	937	10	ADD06469	Arabidops	212
	140	52.4	8.2	937	12	ADD55739	Thaleceres	213
	141	52.4	8.2	937	12	AD001840	Thaleceres	214
	142	52.4	8.2	12177	6	ABJ32651	Human imm	215
	143	52.4	8.2	17137	6	ABJ32190	Human imm	216
	144	52.4	8.2	17527	6	ABJ33433	Human imm	217
	145	52.4	8.2	17227	6	AAS63333	Chemical	218
	146	52.4	8.2	18624	6	ABJ33703	Human imm	219
	147	52.4	8.2	34668	6	ABD67060	Human ang	220
	148	52.4	8.2	37973	6	Ade84108	Human lym	221
	149	52.2	8.2	5649	4	AAS46384	Tumour su	222
	150	52.2	8.2	5649	4	Abk40008	Human che	223
	151	52.2	8.2	5649	6	ABK40008	Human che	224
	152	52.2	8.2	5649	6	ABJ32849	Human imm	225
	153	52.2	8.2	13584	6	ADB54126	Pretreat	226
	154	52.2	8.2	15743	6	ADb54254	Pretreat	227
	155	52.2	8.2	18011	6	ABJ32034	Human imm	228
	161	52.2	8.2	18434	6	ABJ34006	Human imm	229
	162	52.2	8.2	37515	6	ABQ66998	Oligonucle	230
	163	52	8.2	6175	13	ADB54195	Oligonucle	231
	164	52	8.2	9084	6	ABJ33605	Human imm	232
	165	52	8.2	13449	6	ABJ3384	Human imm	233
	166	52	8.2	14551	6	ABJ34585	Human met	234
	52	8.2	14551	7	ADS99846	Complement	235	
	52	8.2	21557	6	ABL33998	Human imm	236	
	51.8	8.1	392	12	ADP57229	Arabidops	237	
	51.8	8.1	8056	8	ABZ1046	Arabidops	238	
	51.8	8.1	8622	6	ABL34143	Arabidops	239	
	51.8	8.1	8900	13	ADS86886	Arabidops	240	
	51.8	8.1	9742	6	ABL70580	Arabidops	241	
	51.8	8.1	11394	6	ABK28222	DNA trans	242	
	51.8	8.1	12639	6	ABN80107	Human che	243	
	51.8	8.1	14919	4	AAS46305	Chemical	244	
	51.8	8.1	15732	4	AAS45388	Chemical	245	
	51.8	8.1	1619	12	ADQ2449	Human sof	246	
	51.8	8.1	17449	12	ADb53233	DNA trans	247	
	51.8	8.1	17532	6	ABL33349	Human imm	248	
	51.8	8.1	18446	10	ACF62820	Colon can	249	
	51.8	8.1	18664	8	ACF62998	Colon can	250	
	51.8	8.1	19109	10	ABZ10128	Hautemopo	251	
	51.8	8.1	19498	12	Abz99812	Hautemopo	252	
	51.8	8.1	19687	7	ADS99870	Complement	253	
	51.8	8.1	20426	13	ACN61094	Cotton gy	254	
	51.8	8.0	5126	6	ABL70593	Chemical	255	
	51.8	8.0	5253	12	ADP57322	Soybean c	256	
	51.8	8.0	5544	6	ABL34620	Human met	257	
	51.8	8.0	5544	6	ABL70477	Chemical	258	
	51.8	8.0	5544	10	ADB5194	Pretreat	259	
	51.8	8.0	5544	6	AAS61440	Human Gen	260	
	51.8	8.0	5544	7	ADS99831	Bisulphit	261	
	51.8	8.0	5544	7	ABJ33274	Human imm	262	
	51.8	8.0	5544	6	ABJ33252	Human imm	263	
	51.8	8.0	5544	6	ABJ33519	Human imm	264	
	51.8	8.0	5544	6	ABJ34163	Human che	265	
	51.8	8.0	5544	6	ABJ32658	Human imm	266	
	51.8	8.0	5544	6	ABJ33138	Chemical	267	
	51.8	8.0	5544	6	ABJ32375	Human imm	268	
	51.8	8.0	5544	6	ABJ32255	Human imm	269	
	51.8	8.0	5544	6	ABJ32035	Human imm	270	
	51.8	8.0	5544	6	ABJ32867	Human met	271	
	51.8	8.0	5545	6	ABK39981	Human che	272	
	51.8	8.0	5545	6	ABJ32658	Human imm	273	
	51.8	8.0	5545	6	ABJ32267	Human imm	274	
	51.8	8.0	5545	6	ABJ32096	Human imm	275	
	51.8	8.0	5545	6	ABJ3225	Human imm	276	
	51.8	8.0	5545	6	ABJ3225	Human imm	277	
	51.8	8.0	5545	6	ABJ32363	Human imm	278	
	51.8	8.0	5545	6	ABJ32035	Human imm	279	
	51.8	8.0	5545	6	ABJ34477	Human met	280	
	51.8	8.0	5545	6	ABJ70514	Chemical	281	
	51.8	8.0	5545	6	ABD70514	Chemical	282	
	51.8	8.0	5545	6	ABD99738	Complement	283	
	51.8	8.0	5545	6	ABJ32846	Arabidops	284	
	51.8	8.0	5545	6	ABJ32045	Arabidops	285	
	51.8	8.0	5545	6	ABJ32374	Arabidops	286	
	51.8	8.0	5545	6	ABJ32433	Arabidops	287	
	51.8	8.0	5545	6	ABJ32433	Arabidops	288	
	51.8	8.0	5545	6	ABJ32433	Arabidops	289	
	51.8	8.0	5545	6	ABJ32433	Arabidops	290	
	51.8	8.0	5545	6	ABJ32433	Arabidops	291	
	51.8	8.0	5545	6	ABJ32433	Arabidops	292	
	51.8	8.0	5545	6	ABJ32433	Arabidops	293	
	51.8	8.0	5545	6	ABJ32433	Arabidops	294	
	51.8	8.0	5545	6	ABJ32433	Arabidops	295	
	51.8	8.0	5545	6	ABJ32433	Arabidops	296	
	51.8	8.0	5545	6	ABJ32433	Arabidops	297	
	51.8	8.0	5545	6	ABJ32433	Arabidops	298	
	51.8	8.0	5545	6	ABJ32433	Arabidops	299	
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	51.8	8.0	5545	6	ABJ32433	Arabidops	302	
	51.8	8.0	5545	6	ABJ32433	Arabidops	303	
	51.8	8.0	5545	6	ABJ32433	Arabidops	304	
	51.8	8.0	5545	6	ABJ32433	Arabidops	305	
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	51.8	8.0	5545	6	ABJ32433	Arabidops	316	
	51.8	8.0	5545	6	ABJ32433	Arabidops	317	
	51.8	8.0	5545	6	ABJ32433	Arabidops	318	
	51.8	8.0	5545	6	ABJ32433	Arabidops	319	
	51.8	8.0	5545	6	ABJ32433	Arabidops	320	

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OM nucleic - nucleic search, using SW model

Run on: July 5, 2005, 11:52:58 ; Search time 910.256 Seconds

(without alignments)

4142.654 Million cell updates/sec

Title: US-09-912-968A-2

Perfect score: 637
Sequence: 1 attccatgtttcggttgcattc.....cttgccaaatggattgacaaac 637

Scoring table: IDENTITY_NUC
Gapop 10_0 , Gapext 1.0

Searched: 439026 seqs, 2959870667 residues

Total number of hits satisfying chosen parameters:

8780412

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 500 summaries

Database : N_Genesegn_16Dec04:*

1: genesegn1990bs;*

2: genesegn1990bs;*

3: genesegn2003bs;*

4: genesegn2004bs;*

5: genesegn2004bs;*

6: genesegn2004bs;*

7: genesegn2004bs;*

8: genesegn2004bs;*

9: genesegn2004bs;*

10: genesegn2003cs;*

11: genesegn2003ds;*

12: genesegn2004as;*

13: genesegn2004bs;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description	
1	635.4	99.7	10846	6	ABSS4336	Abs54336 E. coli f	
2	635.4	99.7	10847	2	AAXG8923	Aax08923 Vector co	
3	635.4	99.7	10900	2	AAXK08924	Aax08924 Vector co	
4	635.4	99.7	10900	6	ABSS4337	E. coli f	
5	635.4	99.7	11606	12	ADQ13598	Adq13598 Plasmid p	
6	633	99.4	1998	8	ABV76269	Abv76269 Expresso	
7	633	99.4	8012	2	AAXT7305	Aax57305 Sugar bee	
8	633	99.4	8418	2	AAXT57309	Aax57309 Sugar bee	
9	633	99.4	8798	2	AAXT57308	Aax57308 Sugar bee	
10	633	99.4	12304	8	ABV75876	Abv75876 Luciferase	
c	11	633	99.4	12497	8	ABV75875	Abv75875 Luciferase
c	12	633	99.4	12614	4	AACG6931	AacG6931 Plant sig
c	13	632	99.2	632	6	ABN83922	ABN83922 E9_3, term
c	14	631.4	99.1	3706	13	ADR49368	Adr49368 H7-1 tran
c	15	631.4	99.1	3778	13	ADR49367	Adr49367 Vector PV
c	16	387	60.8	7129	10	ADR97423	DNA deriv
c	17	304.2	47.8	1147	4	AAD6461	Ado6461 Arabidops
c	18	290.2	47.0	6128	9	ACC5050	Acc5050 Inducible
c	19	296.8	46.6	11522	6	ABK89709	Abk89709 Oestrogen
c	20	282	44.3	1675	13	ADR46166	Adr46166 Glyphosate

21	221.4	34.8	1008	10	ADB37162	Plant yie	
22	221.4	34.8	1008	12	ADI41630	Plant tra	
23	221.4	34.8	1008	12	ADQ01896	Thalecress	
c	24	194.6	30.5	6128	9	ACC5050	Inducible
c	25	187.4	29.4	197	3	AAZB8564	PLRV cDNA
c	26	140	22.0	550	13	ADT03989	Alfalfa 9
c	27	140	22.0	581	13	ADT03985	, trans
c	28	75	11.8	544.0	3	AAA97522	Plasmid p
c	29	75	11.8	686.1	3	AAA97521	Plasmid p
c	30	75	11.8	1299.1	3	AAA97523	Plasmid p
c	31	71.4	11.2	2208	2	AAQ19180	Utricularia
c	32	71	11.1	320	6	ABK52604	Upland co
c	33	64.4	10.1	718	10	ADK58382	Plant DNA
c	34	64.4	10.1	736	10	ADK54321	Plant DNA
c	35	64.4	10.1	736	10	ADK57660	Adk57660
c	36	63.4	10.0	714	10	ADK54320	Plant DNA
c	37	63.4	10.0	725	11	ADM44821	Insect re
c	38	63.4	10.0	736	10	ADK57661	Plant DNA
c	39	61.4	9.6	548.7	6	ABL33598	Human imm
c	40	60.8	9.5	1718.3	6	ABL32486	Human imm
c	41	60.4	9.5	835	12	ADQ03546	Ado3546 Thalecress
c	42	59.4	9.3	859	11	ADM45065	Insect re
c	43	59.4	9.3	1251.2	6	AA561102	Human gen
c	44	59.2	9.3	632	10	ADC76953	DNA homol.
c	45	58.8	9.2	961	12	ADQ03542	Thalecress
c	46	58.4	9.2	976.0	6	ABK31242	Signal tr
c	47	58.4	9.2	970	6	ABT70197	Chemical
c	48	58.4	9.2	970	6	AAS61155	Human gen
c	49	58.2	9.1	841	11	ADM44879	Insect re
c	50	58.2	9.1	847	11	ADM45447	Insect re
c	51	58.2	9.1	824	12	ADQ03552	Ado3552 Thalecress
c	52	58	9.1	724	12	AKD31450	Signal tr
c	53	58	9.1	713.1	6	ABL70427	Chemical
c	54	58	9.1	713.1	6	AAS61360	Human gen
c	55	58	9.1	713.1	6	AA551360	DNA homol.
c	56	57.8	9.1	331	11	ADM45175	Insect re
c	57	57.8	9.1	579	11	ADM45168	Insect re
c	58	57.8	9.1	668	10	ADM45985	Plant DNA
c	59	57.8	9.1	668	11	ADM45687	Insect re
c	60	57.8	9.1	684	10	ADC76948	DNA homol.
c	61	57.8	9.1	806	11	ADM45686	Insect re
c	62	57.8	9.1	924	10	ADC75566	DNA homol.
c	63	57.8	9.1	958	10	ADC76165	DNA homol.
c	64	57.6	9.0	1784.8	4	AAS15323	Chemical
c	65	57.6	9.0	1784.8	6	ABK3976	Human che
c	66	57.6	9.0	1784.8	6	ABK28164	DNA trans
c	67	57.2	9.0	524	6	ABJ32854	Human imm
c	68	57	8.9	619	11	ADM45158	Insect re
c	69	56.8	8.9	6067	6	ABN80089	Human che
c	70	56.6	8.9	259	12	ADP57373	Soybean C
c	71	56.6	8.9	266	12	ADP57267	Chemical
c	72	56.6	8.9	608	10	ADC76944	DNA homol.
c	73	56.6	8.9	609	10	ADC76955	DNA homol.
c	74	56.6	8.9	615	10	ADC76949	DNA homol.
c	75	56.4	8.9	741	11	ADM45450	Insect re
c	76	56.4	8.9	1534.7	6	ABL32184	Bisulphite
c	77	55.8	8.8	514.5	6	ABL32348	Human imm
c	78	55.8	8.8	514.5	6	ABL34464	Human met
c	79	55.8	8.8	514.5	7	ADG9725	Expressio
c	80	55.8	8.8	1020.5	6	ADC31274	Signal tr
c	81	55.8	8.8	1020.5	6	ABL70235	Chemical
c	82	55.6	8.7	1223.7	6	ABL34358	Human imm
c	83	55.6	8.7	1494.4	6	ABL32224	Human imm
c	84	55.6	8.7	1494.4	6	ABL54321	Chemical
c	85	55.4	8.7	654	10	ADM57659	Plant DNA
c	86	55.4	8.7	683	10	ADK54330	Plant DNA
c	87	55.4	8.7	737	10	ADK57662	Plant DNA
c	88	55.4	8.7	737	10	ADK58383	Plant DNA
c	89	55.4	8.7	738	10	ADK54333	Plant DNA
c	90	55.4	8.7	753	10	ADK58381	Plant DNA
c	91	55.4	8.7	754	10	ADK57645	Plant DNA
c	92	55.4	8.7	759	11	ADM44820	Insect re
c	93	55.4	8.7	811	11	ADM45377	Insect re

93	60	9.4	172777	CR847809	Danio rer	Continuation (2 of
c	94	59.8	9.4	211448	2	Continuation (3 of
c	95	59.8	9.4	162910	2	Continuation (2 of
c	96	59.6	9.4	233491	2	CR392446 Danio rer
c	97	59.6	9.4	254133	3	CR392028 Danio rer
c	98	59.4	9.3	AC117075	2	CR762394 Danio rer
c	99	59.4	9.3	AC215197	Sequence	CR391970 Danio rer
c	100	59.2	9.3	80216	2	CR388410 Danio rer
c	101	59.2	9.3	778	0	AB014843 Plasmodiu
c	102	59.2	9.3	PV815BCCD	Tomato RubP	AX344563 Sequence
c	103	59.2	9.3	X05982	Tomato RubCS	AF044496 Flaveria
c	104	59.2	9.3	AL390756	Homo sapi	AC027417 Homo sapi
c	105	59.2	9.3	AY213448	Plasmodiu	AC098590 Homo sapi
c	106	59.2	9.3	AE014817	Plasmodiu	CR847834 Danio rer
c	107	58.8	9.2	AC116982	Dictyoste	AB014827 Plasmodiu
c	108	58.8	9.2	M15235	Tomato RubP	G73713 RG31R etio
c	109	58.8	9.2	X57022	P. vulgaris	M13543 Tomato (L.e)
c	110	58.8	9.2	S. tuberosum	X05972	MI5236 Tomato RubCSE
c	111	58.8	9.2	X05982	Tomato RubCS	AC027417 Homo sapi
c	112	58.8	9.2	AL390756	Homo sapi	AC098590 Homo sapi
c	113	58.8	9.2	AY213448	Plasmodiu	CR847834 Danio rer
c	114	58.6	9.2	AE014817	Plasmodiu	AB014827 Plasmodiu
c	115	58.4	9.2	AJ843975	Plantago	G73713 RG31R etio
c	116	58.4	9.2	X05982	Botrytis	M13543 Tomato (L.e)
c	117	58.4	9.2	AY231448	Arabidops	MI5236 Tomato RubCSE
c	118	58.4	9.2	AY231448	Arabidops	AC027417 Homo sapi
c	119	58.2	9.1	AE014817	Plasmodiu	AC098590 Homo sapi
c	120	58.2	9.1	BX05005	Danio rer	CR847834 Danio rer
c	121	58.2	9.1	CR847945	Danio rer	AB014827 Plasmodiu
c	122	58	9.1	CR751608	Danio rer	G73713 RG31R etio
c	123	58	9.1	AF139469	Vigna rad	M13543 Tomato (L.e)
c	124	58	9.1	AY231454	Arabidops	MI5236 Tomato RubCSE
c	125	58	9.1	AY348629	Sequence	AC027417 Homo sapi
c	126	58	9.1	AL1200	Caenorhab	AC098590 Homo sapi
c	127	58	9.1	L26605	Stellaria 1	CR847834 Danio rer
c	128	57.8	9.1	X69763	S. tuberosum	AB014827 Plasmodiu
c	129	57.8	9.1	X05982	Tomato	G73713 RG31R etio
c	130	57.8	9.1	AY231454	Arabidops	M13543 Tomato (L.e)
c	131	57.8	9.1	AY231454	Arabidops	MI5236 Tomato RubCSE
c	132	57.6	9.0	AE014817	Plasmodiu	AC027417 Homo sapi
c	133	57.6	9.0	AJ843859	Sequence	AC098590 Homo sapi
c	134	57.6	9.0	AE014817	Plasmodiu	CR847834 Danio rer
c	135	57.6	9.0	U29936	Flaveria pr	AB014827 Plasmodiu
c	136	57.4	9.0	AY231454	Arabidops	G73713 RG31R etio
c	137	57.4	9.0	AY231454	Arabidops	M13543 Tomato (L.e)
c	138	57.4	9.0	AY231454	Arabidops	MI5236 Tomato RubCSE
c	139	57.4	9.0	AY231454	Arabidops	AC027417 Homo sapi
c	140	57.4	9.0	AY231454	Arabidops	AC098590 Homo sapi
c	141	56.8	8.9	AB014826	Plasmodiu	CR847834 Danio rer
c	142	57.2	9.0	BX050364	X03820 Petunia x h	AB014827 Plasmodiu
c	143	57.2	9.0	AB014847	Plasmodiu	G73713 RG31R etio
c	144	56.8	8.9	AB014847	Danio rer	AC027417 Homo sapi
c	145	56.8	8.9	AB014847	Danio rer	AC098590 Homo sapi
c	146	56.8	8.9	AB014847	Danio rer	CR847834 Danio rer
c	147	56.8	8.9	AB014826	Plasmodiu	AB014827 Plasmodiu
c	148	56.8	8.9	AB014826	Plasmodiu	G73713 RG31R etio
c	149	56.8	8.9	AB014826	Plasmodiu	AC027417 Homo sapi
c	150	56.8	8.9	AB014826	Plasmodiu	AC098590 Homo sapi
c	151	56.8	8.9	AB014826	Plasmodiu	CR847834 Danio rer
c	152	56.8	8.9	AB014826	Plasmodiu	AB014827 Plasmodiu
c	153	56.8	8.9	AB014826	Plasmodiu	G73713 RG31R etio
c	154	56.8	8.9	AB014826	Plasmodiu	AC027417 Homo sapi
c	155	56.8	8.9	AB014826	Plasmodiu	AC098590 Homo sapi
c	156	56.8	8.9	AB014826	Plasmodiu	CR847834 Danio rer
c	157	56.8	8.9	AB014826	Plasmodiu	AB014827 Plasmodiu
c	158	56.6	8.9	AB014826	Plasmodiu	G73713 RG31R etio
c	159	56.6	8.9	AB014826	Plasmodiu	AC027417 Homo sapi
c	160	56.6	8.9	AB014826	Plasmodiu	AC098590 Homo sapi
c	161	56.6	8.9	AB014826	Plasmodiu	CR847834 Danio rer
c	162	56.6	8.9	AB014826	Plasmodiu	AB014827 Plasmodiu
c	163	56.6	8.9	AB014826	Plasmodiu	G73713 RG31R etio
c	164	56.6	8.9	AB014826	Plasmodiu	AC027417 Homo sapi
c	165	56.4	8.9	AB014826	Plasmodiu	AC098590 Homo sapi
c	166	56.4	8.9	AB014826	Plasmodiu	CR847834 Danio rer
c	167	56.4	8.9	AB014826	Plasmodiu	AB014827 Plasmodiu
c	168	56.4	8.9	AB014826	Plasmodiu	G73713 RG31R etio
c	169	56.4	8.9	AB014826	Plasmodiu	AC027417 Homo sapi
c	170	56.4	8.9	AB014826	Plasmodiu	AC098590 Homo sapi
c	171	56.4	8.9	AB014826	Plasmodiu	CR847834 Danio rer
c	172	56.4	8.9	AB014826	Plasmodiu	AB014827 Plasmodiu
c	173	56.2	8.8	AB014826	Plasmodiu	G73713 RG31R etio
c	174	56.2	8.8	AB014826	Plasmodiu	AC027417 Homo sapi
c	175	56.2	8.8	AB014826	Plasmodiu	AC098590 Homo sapi
c	176	56.2	8.8	AB014826	Plasmodiu	CR847834 Danio rer
c	177	56.2	8.8	AB014826	Plasmodiu	AB014827 Plasmodiu
c	178	56	8.8	AB014826	Plasmodiu	G73713 RG31R etio
c	179	56	8.8	AB014826	Plasmodiu	AC027417 Homo sapi
c	180	56	8.8	AB014826	Plasmodiu	AC098590 Homo sapi
c	181	56	8.8	AB014826	Plasmodiu	CR847834 Danio rer
c	182	56	8.8	AB014826	Plasmodiu	AB014827 Plasmodiu
c	183	56	8.8	AB014826	Plasmodiu	G73713 RG31R etio
c	184	55.8	8.8	AB014826	Plasmodiu	AC027417 Homo sapi
c	185	55.8	8.8	AB014826	Plasmodiu	AC098590 Homo sapi
c	186	55.8	8.8	AB014826	Plasmodiu	CR847834 Danio rer
c	187	55.8	8.8	AB014826	Plasmodiu	AB014827 Plasmodiu
c	188	55.8	8.8	AB014826	Plasmodiu	G73713 RG31R etio
c	189	55.6	8.7	AB014826	Plasmodiu	AC027417 Homo sapi
c	190	55.6	8.7	AB014826	Plasmodiu	AC098590 Homo sapi
c	191	55.6	8.7	AB014826	Plasmodiu	CR847834 Danio rer
c	192	55.6	8.7	AB014826	Plasmodiu	AB014827 Plasmodiu
c	193	55.6	8.7	AB014826	Plasmodiu	G73713 RG31R etio
c	194	55.6	8.7	AB014826	Plasmodiu	AC027417 Homo sapi
c	195	55.6	8.7	AB014826	Plasmodiu	AC098590 Homo sapi
c	196	55.6	8.7	AB014826	Plasmodiu	CR847834 Danio rer
c	197	55.6	8.7	AB014826	Plasmodiu	AB014827 Plasmodiu
c	198	55.6	8.7	AB014826	Plasmodiu	G73713 RG31R etio
c	199	55.6	8.7	AB014826	Plasmodiu	AC027417 Homo sapi
c	200	55.4	8.7	AB014826	Plasmodiu	AC098590 Homo sapi
c	201	55.4	8.7	AB014826	Plasmodiu	CR847834 Danio rer
c	202	55.4	8.7	AB014826	Plasmodiu	AB014827 Plasmodiu
c	203	55.4	8.7	AB014826	Plasmodiu	G73713 RG31R etio
c	204	55.4	8.7	AB014826	Plasmodiu	AC027417 Homo sapi
c	205	55.4	8.7	AB014826	Plasmodiu	AC098590 Homo sapi
c	206	55.2	8.7	AB014826	Plasmodiu	CR847834 Danio rer
c	207	55.2	8.7	AB014826	Plasmodiu	AB014827 Plasmodiu
c	208	55.2	8.7	AB014826	Plasmodiu	G73713 RG31R etio
c	209	55.2	8.7	AB014826	Plasmodiu	AC027417 Homo sapi
c	210	55.2	8.7	AB014826	Plasmodiu	AC098590 Homo sapi
c	211	55.2	8.7	AB014826	Plasmodiu	CR847834 Danio rer
c	212	55.2	8.7	AB014826	Plasmodiu	AB014827 Plasmodiu
c	213	55.2	8.7	AB014826	Plasmodiu	G73713 RG31R etio
c	214	55.2	8.7	AB014826	Plasmodiu	AC027417 Homo sapi
c	215	55.2	8.7	AB014826	Plasmodiu	AC098590 Homo sapi
c	216	55	8.6	AB014826	Plasmodiu	CR847834 Danio rer
c	217	55	8.6	AB014826	Plasmodiu	AB014827 Plasmodiu
c	218	55	8.6	AB014826	Plasmodiu	G73713 RG31R etio
c	219	55	8.6	AB014826	Plasmodiu	AC027417 Homo sapi
c	220	55	8.6	AB014826	Plasmodiu	AC098590 Homo sapi
c	221	55	8.6	AB014826	Plasmodiu	CR847834 Danio rer
c	222	55	8.6	AB014826	Plasmodiu	AB014827 Plasmodiu
c	223	55	8.6	AB014826	Plasmodiu	G73713 RG31R etio
c	224	55	8.6	AB014826	Plasmodiu	AC027417 Homo sapi
c	225	55	8.6	AB014826	Plasmodiu	AC098590 Homo sapi
c	226	55	8.6	AB014826	Plasmodiu	CR847834 Danio rer
c	227	55	8.6	AB014826	Plasmodiu	AB014827 Plasmodiu
c	228	55	8.6	AB014826	Plasmodiu	G73713 RG31R etio
c	229	55	8.6	AB014826	Plasmodiu	AC027417 Homo sapi
c	230	55	8.6	AB014826	Plasmodiu	AC098590 Homo sapi
c	231	54.8	8.6	AB014826	Plasmodiu	CR847834 Danio rer
c	232	54.8	8.6	AB014826	Plasmodiu	AB014827 Plasmodiu
c	233	54.8	8.6	AB014826	Plasmodiu	G73713 RG31R etio
c	234	54.6	8.6	AB014826	Plasmodiu	AC027417 Homo sapi
c	235	54.6	8.6	AB014826	Plasmodiu	AC098590 Homo sapi
c	236	54.6	8.6	AB014826	Plasmodiu	CR847834 Danio rer
c	237	54.6	8.6	AB014826	Plasmodiu	AB014827 Plasmodiu
c	238	54.6	8.6	AB014826	Plasmodiu	G73713 RG31R etio

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SEARCH MODE

SEARCHED ON: July 5, 2005, 11:52:58 ; Search time 7657.44 Seconds
(scoring table: IDENTITY_NUC
database : Gapct 1.0
queried: 4708233 seqs, 24227607955 residues
total number of hits satisfying chosen parameters: 9416466

POST-PROCESSING: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

GenEmbl:*

1: gb_bh:*

2: gb_htg:*

3: gb_in:*

4: gb_on:*

5: gb_ov:*

6: gb_dat:*

7: gb_ph:*

8: gb_Dl:*

9: gb_pr:*

10: gb_ro:*

11: gb_sts:*

12: gb_sy:*

13: gb_un:*

14: gb_vii:*

PRED. NO. IS THE NUMBER OF RESULTS PREDICTED BY CHANCE TO HAVE A SCORE GREATER THAN OR EQUAL TO THE SCORE OF THE RESULT BEING PRINTED, AND IS DERIVED BY ANALYSIS OF THE TOTAL SCORE DISTRIBUTION.

SUMMARIES

result No.	Query	Match Length	DB ID	Description
1	635.4	99.7	10846 AR225313	AR225313 Sequence
2	635.4	99.7	10846 AR438378	AR438378 Sequence
3	635.4	99.7	10846 AR4191631	AR4191631 Sequence
4	635.4	99.7	10847 BD062173	BD062173 Expression
5	635.4	99.7	10900 AR225314	AR225314 Sequence
6	635.4	99.7	10900 AR438379	AR438379 Sequence
7	635.4	99.7	10900 AR4191632	AR4191632 Sequence
8	635.4	99.7	10901 BD062174	BD062174 Expression
9	633	99.4	2351 PSRC01	X00806 Pea gene fo
10	633	99.4	8012 AR1437109	AR143709 Sequence
11	633	99.4	8012 BD008400	BD008400 Glybosat
12	633	99.4	8418 AR143713	AR143713 Sequence
13	633	99.4	8418 BD008404	BD008404 Glybosat
14	633	99.4	8798 AR143712	AR143712 Sequence
15	633	99.4	8798 BD008403	BD008403 Glybosat
16	633	99.4	12614 AX052339	AX052339 Sequence
17	632	99.2	6332 AX463287	AX463287 Sequence
18	631.4	99.1	3706 CQ867567	CQ867567 Sequence
19	631.4	99.1	3778 CQB67566	CQB67566 Sequence

SUMMARIES

result	Query				DB	ID	Description
	No.	Score	Match	Length			
1	635.4	99.7	10846	6	AR225313		AR225313 Sequence
2	635.4	99.7	10846	6	AR438378		AR138378 Sequence
3	635.4	99.7	10846	6	AR491631		AR091631 Sequence
4	635.4	99.7	10847	6	BD062173		BD062173 Expression
5	635.4	99.7	10900	6	AR225314		AR225314 Sequence
6	635.4	99.7	10900	6	AR438379		AR438379 Sequence
7	635.4	99.7	10900	6	AR491632		AR491632 Sequence
8	635.4	99.7	10901	6	BD062174		BD062174 Expression
9	633	99.4	2351	8	PSRC01		X0086 Pea gene for
10	633	99.4	8012	6	AR143709		AR143709 Sequence
11	633	99.4	8012	6	BD008400		BD008400 Glyphosate
12	633	99.4	8418	6	AR437113		AR437113 Sequence
13	633	99.4	8418	6	BD008404		BD008404 Glyphosate
14	633	99.4	8798	6	AR143712		AR143712 Sequence
15	633	99.4	8798	6	BD008403		BD008403 Glyphosate
16	633	99.4	12614	6	AX052339		AX052339 Sequence
17	632	99.2	6332	6	AX463287		AX463287 Sequence
18	631.4	99.1	3706	6	CQ861567		CQ861567 Sequence
19	631.4	99.1	3778	6	CQ867566		CQ867566 Sequence